SECTION XVIII

Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof

CHAPTER 90

Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; parts and accessories thereof

9001 Optical fibres and optical fibre bundles; optical fibre cables other than those of 8544; sheets and plates of polarising material; lenses (including contact lenses), prisms, mirrors and other optical elements, of any material, unmounted, other than such elements of glass not optically worked 9002 Lenses, prisms, mirrors and other optical elements, of any material, mounted, being parts of or fittings for instruments or apparatus, other than such elements of glass not optically worked 9003 Frames and mountings for spectacles, goggles or the like, and parts thereof 9004 Spectacles, goggles and the like, corrective, protective or other 9005 Binoculars, monoculars, other optical telescopes, and mountings therefor; other astronomical instruments and mountings therefor, but not including instruments for radio-astronomy 9006 Photographic (other than cinematographic) cameras; photographic flashlight apparatus and flashbulbs other than discharge lamps of 8539 9007 Cinematographic cameras and projectors, whether or not incorporating sound recording or reproducing apparatus 9008 Image projectors, other than cinematographic; photographic (other than cinematographic) enlargers and reducers 9009 No heading 9010 Apparatus and equipment for photographic (including cinematographic) laboratories, not specified or included elsewhere in this Chapter; negatoscopes; projection screens Compound optical microscopes, including those for photomicrography, cinephotomicrography or microprojection 9012 Microscopes other than optical microscopes; diffraction apparatus 9013 Lasers, other than laser diodes; other optical appliances and instruments, not specified or included elsewhere in this Chapter 9014 Direction finding compasses; other navigational instruments and appliances Surveying (including photogrammetrical surveying), hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, excluding compasses; rangefinders 9016 Balances of a sensitivity of 5 cg or better, with or without weights

Section 18 Chapter 90/2

- 9017 Drawing, marking-out or mathematical calculating instruments (for example, drafting machines, pantographs, protractors, drawing sets, slide rules, disc calculators); instruments for measuring length, for use in the hand (for example, measuring rods and tapes, micrometers, callipers), not specified or included elsewhere in this Chapter
- 9018 Instruments and appliances used in medical, surgical, dental or veterinary sciences, including scintigraphic apparatus, other electro-medical apparatus and sight-testing instruments
- 9019 Mechano-therapy appliances; massage apparatus; psychological aptitude-testing apparatus; ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus
- 9020 Other breathing appliances and gas masks, excluding protective masks having neither mechanical parts nor replaceable filters
- 9021 Orthopaedic appliances, including crutches, surgical belts and trusses; splints and other fracture appliances; artificial parts of the body; hearing aids and other appliances which are worn or carried, or implanted in the body, to compensate for a defect or disability
- ★ 9022 Apparatus based on the use of X-rays or of alpha, beta, gamma or other ionising radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generators, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like
 - 9023 Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses
 - 9024 Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics)
 - 9025 Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, recording or not, and any combination of these instruments
 - 9026 Instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases (for example, flow meters, level gauges, manometers, heat meters), excluding instruments and apparatus of 9014, 9015, 9028 or 9032
 - 9027 Instruments and apparatus for physical or chemical analysis (for example, polarimeters, refractometers, spectrometers, gas or smoke analysis apparatus); instruments and apparatus for measuring or checking viscosity, porosity, expansion, surface tension or the like; instruments and apparatus for measuring or checking quantities of heat, sound or light (including exposure meters); microtomes
 - 9028 Gas, liquid or electricity supply or production meters, including calibrating meters therefor
 - 9029 Revolution counters, production counters, taximeters, mileometers, pedometers and the like; speed indicators and tachometers, other than those of 9014 or 9015; stroboscopes
 - 9030 Oscilloscopes, spectrum analysers and other instruments and apparatus for measuring or checking electrical quantities, excluding meters of 9028; instruments and apparatus for measuring or detecting alpha, beta, gamma, X-ray, cosmic or other ionising radiations
 - 9031 Measuring or checking instruments, appliances and machines, not specified or included elsewhere in this Chapter; profile projectors
 - 9032 Automatic regulating or controlling instruments and apparatus
 - 9033 Parts and accessories (not specified or included elsewhere in this Chapter) for machines, appliances, instruments or apparatus of Chapter 90

Notes.

- 1.- This Chapter does not cover:
 - (a) Articles of a kind used in machines, appliances or for other technical uses, of vulcanised rubber other than hard rubber (4016), of leather or of composition leather (4205) or of textile material (5911);
 - (b) Supporting belts or other support articles of textile material, whose intended effect on the organ to be supported or held derives solely from their elasticity (for example, maternity belts, thoracic support bandages, abdominal support bandages, supports for joints or muscles) (Section XI);
 - (c) Refractory goods of 6903; ceramic wares for laboratory, chemical or other technical uses, of 6909;
 - (d) Glass mirrors, not optically worked, of 7009, or mirrors of base metal or of precious metal, not being optical elements (8306 or Chapter 71);
 - (e) Goods of 7007, 7008.00.00, 7011, 7014, 7015 or 7017;
- * (f) Parts of general use, as defined in Note 2 to Section XV, of base metal (Section XV) or similar goods of plastics (Chapter 39); however, articles specially designed for use exclusively in implants in medical, surgical, dental or veterinary sciences are to be classified in 9021;
 - (g) Pumps incorporating measuring devices, of 8413; weight-operated counting or checking machinery, or separately presented weights for balances (8423); lifting or handling machinery (8425 to 8428); paper or paperboard cutting machines of all kinds (8441); fittings for adjusting work or tools on machine-tools or water-jet cutting machines, of 8466, including fittings with optical devices for reading the scale (for example, "optical" dividing heads) but not those which are in themselves essentially optical instruments (for example, alignment telescopes); calculating machines (8470); valves or other appliances of 8481; machines and apparatus (including apparatus for the projection or drawing of circuit patterns on sensitised semiconductor materials) of 8486;
 - (h) Searchlights or spotlights of a kind used for cycles or motor vehicles (8512); portable electric lamps of 8513; cinematographic sound recording, reproducing or re-recording apparatus (8519); sound-heads (8522); television cameras, digital cameras and video camera recorders (8525); radar apparatus, radio navigational aid apparatus or radio remote control apparatus (8526); connectors for optical fibres, optical fibre bundles or cables (8536); numerical control apparatus of 8537; sealed beam lamp units of 8539; optical fibre cables of 8544;
 - (ij) Searchlights or spotlights of 9405;
 - (k) Articles of Chapter 95;
 - (l) Monopods; bipods, tripods and similar articles of 9620;
 - (m) Capacity measures, which are to be classified according to their constituent material; or
 - (n) Spools, reels or similar supports (which are to be classified according to their constituent material, for example, in 3923 or Section XV).
 - 2.- Subject to Note 1 above, parts and accessories for machines, apparatus, instruments or articles of this Chapter are to be classified according to the following rules:
 - (a) Parts and accessories which are goods included in any of the headings of this Chapter or of Chapter 84, 85 or 91 (other than 8487, 8548 or 9033.00.00) are in all cases to be classified in their respective headings;
 - (b) Other parts and accessories, if suitable for use solely or principally with a particular kind of machine, instrument or apparatus, or with a number of machines, instruments or apparatus of the same heading (including a machine, instrument or apparatus of 9010, 9013 or 9031) are to be classified with the machines, instruments or apparatus of that kind;
 - (c) All other parts and accessories are to be classified in 9033.00.00.

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- 3.- The provisions of Notes 3 and 4 to Section XVI apply also to this Chapter.
- 4.- 9005 does not apply to telescopic sights for fitting to arms, periscopic telescopes for fitting to submarines or tanks, or to telescopes for machines, appliances, instruments or apparatus of this Chapter or Section XVI; such telescopic sights and telescopes are to be classified in 9013.
- 5.- Measuring or checking optical instruments, appliances or machines which, but for this Note, could be classified both in 9013 and in 9031 are to be classified in 9031.
- 6.- For the purposes of 9021, "orthopaedic appliances" means appliances for:
 - Preventing or correcting bodily deformities; or
 - Supporting or holding parts of the body following an illness, operation or injury.

Orthopaedic appliances include footwear and special insoles designed to correct orthopaedic conditions, provided that they are either (1) made to measure or (2) mass-produced, presented singly and not in pairs and designed to fit either foot equally.

7.- 9032 applies only to:

- (a) Instruments and apparatus for automatically controlling the flow, level, pressure or other variables of liquids or gases, or for automatically controlling temperature, whether or not their operation depends on an electrical phenomenon which varies according to the factor to be automatically controlled, which are designed to bring this factor to, and maintain it at, a desired value, stabilised against disturbances, by constantly or periodically measuring its actual value; and
- (b) Automatic regulators of electrical quantities, and instruments or apparatus for automatically controlling non-electrical quantities the operation of which depends on an electrical phenomenon varying according to the factor to be controlled, which are designed to bring this factor to, and maintain it at, a desired value, stabilised against disturbances, by constantly or periodically measuring its actual value.

Additional Notes.

- 1.- This Chapter does not cover gas pressure regulators (so called) of the piston or diaphragm type, of a kind used with compressed gas cylinders or reticulated gas pipeline systems, incorporating a pressure reducing valve or the like, whether or not combined with a pressure gauge (8481).
- ★ 2.- For the purposes of 9021.10.42 and 9021.10.49, *parts* does not include pegs, protectors, eyelets, hooks, buckles, ornaments, braid, laces, pompons or other trimmings (which are to be classified in their appropriate headings) or buttons or other goods of 9606.

Section 18

				R.8	Section 1 Chapter 90/
	Reference Number		stical e/Unit	Goods	Rate #
	9005			BINOCULARS, MONOCULARS, OTHER OPTICAL TELESCOPES, AND MOUNTINGS THEREFOR; OTHER ASTRONOMICAL INSTRUMENTS AND MOUNTINGS THEREFOR, BUT NOT INCLUDING INSTRUMENTS FOR RADIO-ASTRONOMY:	
	9005.10.00	04	No	- Binoculars	Free
	9005.80.00			- Other instruments	Free
		54 07	No No	Refracting telescopes, monocular or binocular Other	
	9005.90.00	58		- Parts and accessories (including mountings)	Free
	9006			PHOTOGRAPHIC (OTHER THAN CINEMATOGRAPHIC) CAMERAS; PHOTOGRAPHIC FLASH LIGHT APPARATUS AND FLASHBULBS OTHER THAN DISCHARGE LAMPS OF 8539:	
	9006.30.00	16	No	 Cameras specially designed for underwater use, for aerial survey or for medical or surgical examination of internal organs; comparison cameras for forensic or criminological purposes 	Free
	9006.40.00	17	No	- Instant print cameras	Free
	9006.5			-Other cameras:	
*	9006.53.00	23	No	For roll film of a width of 35 mm	Free
	9006.59			Other:	
	9006.59.10	05	No	 Cameras: (a) used for preparing printing plates or cylinders; and (b) used solely or principally in the graphic arts industries for the production of line, continuous tone or half-tone images 	5% DCS:4% DCT:5%
**	9006.59.90	90	No	Other	Free

★★ S Operative 1/1/22

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free. DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004. DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

[★] Subheadings 9006.51.00 and 9006.52.00 have been repealed.

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA.

[★] Operative 1/1/22

Section 18 Chapter 90/8

Reference Number		stical e/Unit	Goods	Rate #		
9006.6			- Photographic flashlight apparatus and flashbulbs:			
9006.61.00	24	No	Discharge lamp ("electronic") flashlight apparatus	Free		
9006.69.00	25	No	Other	Free		
9006.9			- Parts and accessories:			
9006.91.00	01		For cameras	Free		
9006.99.00	63		Other	Free		
9007			CINEMATOGRAPHIC CAMERAS AND PROJECTORS, WHETHER OR NOT INCORPORATING SOUND RECORDING OR REPRODUCING APPARATUS:			
9007.10.00	10	No	-Cameras	Free		
9007.20.00	51	No	- Projectors	Free		
9007.9			- Parts and accessories:			
9007.91.00	12		For cameras	Free		
9007.92.00	09		For projectors	Free		
9008			IMAGE PROJECTORS, OTHER THAN CINEMATOGRAPHIC; PHOTOGRAPHIC (OTHER THAN CINEMATOGRAPHIC) ENLARGERS AND REDUCERS:			
9008.50			- Projectors, enlargers and reducers:			
9008.50.10	17	No	Overhead projectors	5% DCS:4% DCT:5%		
9008.50.90	18	No	Other	Free		
9008.90.00	24		- Parts and accessories	Free		

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free.

Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18

			R.10	Chapter 90/9
Reference Number		stical e/Unit	Goods	Rate #
9010			APPARATUS AND EQUIPMENT FOR PHOTOGRAPHIC (INCLUDING CINEMATOGRAPHIC) LABORATORIES, NOT SPECIFIED OR INCLUDED ELSEWHERE IN THIS CHAPTER; NEGATOSCOPES; PROJECTION SCREENS:	
9010.10.00	47	No	 Apparatus and equipment for automatically developing photographic (including cinematographic) film or paper in rolls or for automatically exposing developed film to rolls of photographic paper 	Free
9010.50			 Other apparatus and equipment for photographic (including cinematographic) laboratories; negatoscopes: 	
9010.50.10	55	No	Goods, as follows: (a) layout tables; (b) photographic silver recovery apparatus; (c) vacuum frames	Free
9010.50.20	56	No	Apparatus and equipment for the processing of sensitised film or paper, NSA	Free
9010.50.90	59	No	Other	Free
9010.60.00	58	No	- Projection screens	5%
			From 1 July 2018	3.75%
			From 1 July 2019	Free
9010.90			- Parts and accessories:	
9010.90.10	30		For goods of 9010.50.90	Free
9010.90.20	36		For goods of 9010.50.20 or 9010.60.00	5%
			From 1 July 2018	2.5%
			From 1 July 2019	Free
9010.90.30	37		For goods of 9010.50.10	5% DCS:4% DCT:5%
			From 1 July 2018	2.5%
			From 1 July 2019	Free
9010.90.90	38		Other	5% DCS:4% DCT:5%

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free.

Unless otherwise indicated NZ, PG, PI, DC, LDC and SG rates are Free.

Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

Section 18 Chapter 90/10

Reference Number	Statistical Code/Unit		Goods	
9011			COMPOUND OPTICAL MICROSCOPES, INCLUDING THOSE FOR PHOTOMICROGRAPHY, CINEPHOTOMICROGRAPHY OR MICROPROJECTION:	
9011.10.00	03	No	- Stereoscopic microscopes	Free
9011.20.00	04	No	 Other microscopes, for photomicrography, cinephotomicrography or microprojection 	Free
9011.80.00	04	No	- Other microscopes	Free
9011.90.00	06		- Parts and accessories	Free
9012			MICROSCOPES OTHER THAN OPTICAL MICROSCOPES; DIFFRACTION APPARATUS:	
9012.10.00	20	No	 Microscopes other than optical microscopes; diffraction apparatus 	Free
9012.90.00	20		- Parts and accessories	Free
9013			LASERS, OTHER THAN LASER DIODES; OTHER OPTICAL APPLIANCES AND INSTRUMENTS, NOT SPECIFIED OR INCLUDED ELSEWHERE IN THIS CHAPTER:	
9013.10.00			 Telescopic sights for fitting to arms; periscopes; telescopes designed to form parts of machines, appliances, instruments or apparatus of this Chapter or Section XVI 	Free
	08 09	No No	Telescopic sights for fitting to arms Other	
9013.20.00	10	No	- Lasers, other than laser diodes	Free
9013.80.00	54	No	- Other devices, appliances and instruments	Free
9013.90.00			- Parts and accessories	Free
	48 49		For goods of 9013.20.00 Other	
9014			DIRECTION FINDING COMPASSES; OTHER NAVIGATIONAL INSTRUMENTS AND APPLIANCES:	
9014.10.00	16	No	- Direction finding compasses	Free
9014.20.00			 Instruments and appliances for aeronautical or space navigation (other than compasses) 	Free
	18	No	Electric	
	19	No	Other	

★ Operative 1/1/22

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA.

Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18

Defenses	C4-4'	atica!	R.9	Cha
Reference Number		stical e/Unit	Goods	Rate #
9018.20.00	20		- Ultra-violet or infra-red ray apparatus	Free
9018.3			- Syringes, needles, catheters, cannulae and the like:	
9018.31.00			Syringes, with or without needles	Free
	86		Syringes of plastic with or without needles, designed for use with injection or puncture needles	
	87		Other	
9018.32.00			Tubular metal needles and needles for sutures	Free
	88 89	<i>No</i>	Injection or puncture needles Other	
9018.39.00			Other	Free
	90		Catheters (other than elastic gum woven	
	91		catheters), cannulae, suction tubes and the like Other	
9018.4			 Other instruments and appliances, used in dental sciences: 	
9018.41.00	04	No	Dental drill engines, whether or not combined on a single base with other dental equipment	Free
9018.49.00			Other	Free
	79		Goods, as follows: (a) apparatus for the administration of anaesthetic gases; (b) dental endodontic depth measuring gauges, dental occlusal programming units; (c) dental chairs; (d) operating handpieces	
	77		Other	
9018.50.00	08		- Other ophthalmic instruments and appliances	Free
9018.90.00			- Other instruments and appliances	Free
	81	No	Goods, as follows: (a) apparatus for the administration of anaesthetic gases; (b) drainage appliances (including calibrated drainage bags) with, or designed to be used with, a catheter; (c) incubators for babies; (d) infusion or transfusion sets for blood or other fluids; (e) suction apparatus	
	82	No	Blood packs and blood pack systems used for collecting, processing, storing and administering	
			blood and blood components	

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA.

★★ S Operative 1/1/22

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 90/14

Reference Number	Statistical Code/Unit	Goods	Rate #
9019		MECHANO-THERAPY APPLIANCES; MASSAGE APPARATUS; PSYCHOLOGICAL APTITUDE-TESTING APPARATUS; OZONE THERAPY, OXYGEN THERAPY, AEROSOL THERAPY, ARTIFICIAL RESPIRATION OR OTHER THERAPEUTIC RESPIRATION APPARATUS:	_
9019.10.00	12	 Mechano-therapy appliances; massage apparatus; psychological aptitude-testing apparatus 	Free
9019.20.00		 Ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus 	Free
	84	Goods, as follows: (a) aerosol therapy apparatus; (b) ozone therapy apparatus	
	<i>85</i>	Other	
9020.00.00		OTHER BREATHING APPLIANCES AND GAS MASKS, EXCLUDING PROTECTIVE MASKS HAVING NEITHER MECHANICAL PARTS NOR REPLACEABLE FILTERS	Free
	51 52	Breathing appliances of a kind designed to enable the wearer to breathe underwater Other	
9021		ORTHOPAEDIC APPLIANCES, INCLUDING CRUTCHES, SURGICAL BELTS AND TRUSSES; SPLINTS AND OTHER FRACTURE APPLIANCES; ARTIFICIAL PARTS OF THE BODY; HEARING AIDS AND OTHER APPLIANCES WHICH ARE WORN OR CARRIED, OR IMPLANTED IN THE BODY, TO COMPENSATE FOR A DEFECT OR DISABILITY:	
9021.10		- Orthopaedic or fracture appliances:	
9021.10.10	64	Footwear and special insoles made to measure for a specific orthopaedic disorder	Free
9021.10.20	<i>69</i>	Footwear, NSA, excluding parts, designed to correct orthopaedic conditions	5%
9021.10.30	<i>56</i>	Special insoles, NSA, excluding parts, designed to correct orthopaedic conditions	5%

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free. DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 D٥ Chapter 90/15

				R.9	Chapter 90/15
	Reference Number		stical e/Unit	Goods	Rate #
	9021.10.4			Parts for goods of 9021.10.20 or 9021.10.30:	
*	9021.10.42	73		Parts, as specified in Note 1(f) to this Chapter, being of titanium	Free
**	9021.10.49	75		Other	5%
*	9021.10.9			Other:	
*	9021.10.91	90		Parts, as specified in Note 1(f) to this Chapter, excluding titanium	5%
*	9021.10.99	91		Other	Free
	9021.2			- Artificial teeth and dental fittings:	
	9021.21.00	17		Artificial teeth	Free
*	9021.29			Other:	
*	9021.29.10	19		Parts, as specified in Note 1(f) to this Chapter, excluding titanium	5%
*	9021.29.90	90		Other	Free
	9021.3			- Other artificial parts of the body:	
	9021.31.00	78	No	Artificial joints	Free
	9021.39.00	79		Other	Free
	9021.40.00	20	No	- Hearing aids, excluding parts and accessories	Free
	9021.50.00	21		 Pacemakers for stimulating heart muscles, excluding parts and accessories 	Free
	9021.90.00			- Other	Free
		22 90	 	Parts and accessories for hearing aids Other	

* Subheading 9021.10.41 has been repealed.

Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA. ★ Operative 1/1/22 ★★ S Operative 1/1/22 Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 90/16

	- · · · · · · · · · · · · · · · · · · ·				
-	Reference Number	Statis Code		Goods	Rate #
*	9022			APPARATUS BASED ON THE USE OF X-RAYS OR OF ALPHA, BETA, GAMMA OR OTHER IONISING RADIATIONS, WHETHER OR NOT FOR MEDICAL, SURGICAL, DENTAL OR VETERINARY USES, INCLUDING RADIOGRAPHY OR RADIOTHERAPY APPARATUS, X-RAY TUBES AND OTHER X-RAY GENERATORS, HIGH TENSION GENERATORS, CONTROL PANELS AND DESKS, SCREENS, EXAMINATION OR TREATMENT TABLES, CHAIRS AND THE LIKE:	
	9022.1			 Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus: 	
	9022.12.00	45		Computed tomography apparatus	Free
	9022.13.00	46		Other, for dental uses	Free
	9022.14.00	47		Other, for medical, surgical or veterinary uses	Free
	9022.19.00	25		For other uses	Free
*	9022.2			 Apparatus based on the use of alpha, beta, gamma or other ionising radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus: 	
**	9022.21.00	27		For medical, surgical, dental or veterinary uses	Free
**	9022.29.00	55		For other uses	Free
	9022.30.00	28	No	- X-ray tubes	Free
	9022.90.00	30		- Other, including parts and accessories	Free
	9023.00.00	01		INSTRUMENTS, APPARATUS AND MODELS, DESIGNED FOR DEMONSTRATIONAL PURPOSES (FOR EXAMPLE, IN EDUCATION OR EXHIBITIONS), UNSUITABLE FOR OTHER USES	Free
	9024			MACHINES AND APPLIANCES FOR TESTING THE HARDNESS, STRENGTH, COMPRESSIBILITY, ELASTICITY OR OTHER MECHANICAL PROPERTIES OF MATERIALS (FOR EXAMPLE, METALS, WOOD, TEXTILES, PAPER, PLASTICS):	
	9024.10.00	46		- Machines and appliances for testing metals	Free
	9024.80.00	47		- Other machines and appliances	Free
	9024.90.00	06		- Parts and accessories	Free

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA. ★ Operative 1/1/22 ★★ S Operative 1/1/22 Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 90/17

Rate #
Free
Free
Free
Free
5%
Free
5%
Free
5%
Free
Free

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for PCK, KR, SG and IV.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 90/18

Reference Number	Statis Code		Goods	Rate #
9027			INSTRUMENTS AND APPARATUS FOR PHYSICAL OR CHEMICAL ANALYSIS (FOR EXAMPLE, POLARIMETERS, REFRACTOMETERS, SPECTROMETERS, GAS OR SMOKE ANALYSIS APPARATUS); INSTRUMENTS AND APPARATUS FOR MEASURING OR CHECKING VISCOSITY, POROSITY, EXPANSION, SURFACE TENSION OR THE LIKE; INSTRUMENTS AND APPARATUS FOR MEASURING OR CHECKING QUANTITIES OF HEAT, SOUND OR LIGHT (INCLUDING EXPOSURE METERS); MICROTOMES:	
9027.10.00	01	No	- Gas or smoke analysis apparatus	Free
9027.20.00	02	No	- Chromatographs and electrophoresis instruments	Free
9027.30.00			 Spectrometers, spectrophotometers and spectrographs using optical radiations (UV, visible, IR) 	Free
	42	No	Spectrometers; spectrographs	
			Spectrophotometers:	
	43 44	No No	.Electrical .Other	
9027.50.00	69	No	- Other instruments and apparatus using optical radiations (UV, visible, IR)	Free
9027.8			- Other instruments and apparatus:	
9027.81.00	80	No	Mass spectrometers	Free
9027.89.00	90	No	Other	Free
9027.90.00			- Microtomes; parts and accessories	Free
	47		Parts and accessories for electrical	
	48		spectrophotometers of 9027.30.00.43 Parts and accessories for electrical pH and rH meters of 9027.80.00.41	
	49 50	<i>No</i>	Other: .Microtomes .Other	
9028			GAS, LIQUID OR ELECTRICITY SUPPLY OR PRODUCTION METERS, INCLUDING CALIBRATING METERS THEREFOR:	
9028.10			- Gas meters:	
9028.10.10	24	No	Of the household supply kind	5%
9028.10.90	25	No	Other	Free

★ Operative 1/1/22

Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. ★ Operative 1/1 Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 90/19

			R.9	Chapter 90/19
Reference Number		stical e/Unit	Goods	Rate #
9028.20			- Liquid meters:	
9028.20.10	26	No	Water meters, as follows: (a) of the inferential kind; (b) of the positive kind not exceeding 100 mm diameter in size	5%
9028.20.90	27	No	Other	Free
9028.30.00			- Electricity meters	3.75%
			From 1 July 2017	2.5%
			From 1 July 2018	1.25%
			From 1 July 2019	Free
	17 18	No No	Single phase Other	
9028.90.00	68		- Parts and accessories	Free
9029			REVOLUTION COUNTERS, PRODUCTION COUNTERS, TAXIMETERS, MILEOMETERS, PEDOMETERS AND THE LIKE; SPEED INDICATORS AND TACHOMETERS, OTHER THAN THOSE OF 9014 OR 9015; STROBOSCOPES:	
9029.10			- Revolution counters, production counters, taximeters, mileometers, pedometers and the like:	
9029.10.20	03	No	Of a kind used as components in passenger motor vehicles	5%
9029.10.80	06	No	Other	Free
9029.20			- Speed indicators and tachometers; stroboscopes:	
9029.20.10	68	No	Of a kind used as components in passenger motor vehicles	5%
9029.20.90	71	No	Other	Free
9029.90			- Parts and accessories:	
9029.90.10	72		For goods of 9029.10.20 or 9029.20.10	5%
9029.90.90	73		Other	Free

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 90/20

_	Reference Number	Statis Code		Goods	Rate #
	9030			OSCILLOSCOPES, SPECTRUM ANALYSERS AND OTHER INSTRUMENTS AND APPARATUS FOR MEASURING OR CHECKING ELECTRICAL QUANTITIES, EXCLUDING METERS OF 9028; INSTRUMENTS AND APPARATUS FOR MEASURING OR DETECTING ALPHA, BETA, GAMMA, X-RAY, COSMIC OR OTHER IONISING RADIATIONS:	
	9030.10.00	74	No	 Instruments and apparatus for measuring or detecting ionising radiations 	Free
	9030.20.00	75	No	- Oscilloscopes and oscillographs	Free
	9030.3			 Other instruments and apparatus, for measuring or checking voltage, current, resistance or power (other than those for measuring or checking semiconductor wafers or devices): 	
	9030.31.00	40	No	Multimeters without a recording device	Free
	9030.32.00	41	No	Multimeters with a recording device	Free
	9030.33.00	42	No	Other, without a recording device	Free
	9030.39.00	43	No	Other, with a recording device	Free
	9030.40.00	36	No	 Other instruments and apparatus, specially designed for telecommunications (for example, cross-talk meters, gain measuring instruments, distortion factor meters, psophometers) 	Free
	9030.8			- Other instruments and apparatus:	
	9030.82.00	39	No	For measuring or checking semiconductor wafers or devices (including integrated circuits)	Free
	9030.84.00	47	No	Other, with a recording device	Free
	9030.89.00	48	No	Other	Free
	9030.90.00			- Parts and accessories	Free
		74 77		For goods of 9030.10.00 Other	
	9031			MEASURING OR CHECKING INSTRUMENTS, APPLIANCES AND MACHINES, NOT SPECIFIED OR INCLUDED ELSEWHERE IN THIS CHAPTER; PROFILE PROJECTORS:	
	9031.10			- Machines for balancing mechanical parts:	
	9031.10.20	67	No	Motor vehicle wheel balancers of the static kind	5%
				From 1 July 2018	3.75%
				From 1 July 2019	Free

★ Operative 1/1/22

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. ★ Operative 1/1 Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 90/21

				R.13	Chapter 90/21 Rate #	
	Reference Number	Statistical Code/Unit		Goods		
	9031.10.80	69	No	Other	Free	
	9031.20			- Test benches:		
	9031.20.10	70	No	Electrical, for internal combustion engines	5%	
	9031.20.90	71	No	Other	Free	
	9031.4			- Other optical instruments and appliances:		
*	9031.41.00	42	No	For inspecting semiconductor wafers or devices (including integrated circuits) or for inspecting photomasks or reticles used in manufacturing semiconductor devices (including integrated circuits)	Free	
	9031.49.00	44	No	Other	Free	
	9031.80.00			- Other instruments, appliances and machines	Free	
		82	No	Goods, as follows: (a) bubble levels; (b) electrical dynamometers (chassis or engine), for testing motor vehicles or motor cycles; (c) electrical instruments, appliances and machines for analysing or testing internal combustion engines; (d) non-electrical instruments, appliances and machines		
		83	No	Other		
	9031.90.00	89		- Parts and accessories	Free	
	9032			AUTOMATIC REGULATING OR CONTROLLING INSTRUMENTS AND APPARATUS:		
	9032.10.00	50	No	- Thermostats	Free	
	9032.20.00	94	No	- Manostats	Free	
	9032.8			- Other instruments and apparatus:		
	9032.81.00	03	No	Hydraulic or pneumatic	Free	
	9032.89			Other:		
	9032.89.1			Automatic voltage regulators of a kind commonly used with motor vehicles, for 6 V or 12 V systems:		
	9032.89.11	18	No	Of a kind used as components in passenger motor vehicles	5%	
	9032.89.19	19	No	Other	Free	

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA.

[★] S Operative 1/1/22

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 90/22

(Chapter 91 follows)

napter 90/22				(Chapter 91 follows
Reference Number	Statistical Code/Unit		Goods	Rate #
9032.89.80			Other	Free
	89	No	Goods, as follows: (a) of a kind commonly used with dies or moulds to automatically control their temperature, being apparatus the control function of which is achieved by the temperature of the circulating fluid responding to changes in the temperature of the goods being controlled; (b) incorporating, or designed to incorporate, thyristors, power transistors or the like, of a kind used for controlling electric motors	
	90	No	Other	
9032.90			- Parts and accessories:	
9032.90.20	92		Of a kind used as components in passenger motor vehicles	5%
9032.90.80	93		Other	Free
9033.00.00	11		PARTS AND ACCESSORIES (NOT SPECIFIED OR INCLUDED ELSEWHERE IN THIS CHAPTER) FOR MACHINES, APPLIANCES, INSTRUMENTS OR APPARATUS OF CHAPTER 90	Free

1/1/17

Unless otherwise indicated NZ, PG, PI, DC, EDC and SG rates are Free.

Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies.

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free.

The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 91/5 R 6

			R.6	Chapter 91/
Reference Number		stical e/Unit	Goods	Rate #
9108			WATCH MOVEMENTS, COMPLETE AND ASSEMBLED:	
9108.1			- Electrically operated:	
9108.11.00	32	No	With mechanical display only or with a device to which a mechanical display can be incorporated	Free
9108.12.00	33	No	With opto-electronic display only	Free
9108.19.00	34	No	Other	Free
9108.20.00	04	No	- With automatic winding	Free
9108.90.00	40	No	- Other	Free
9109			CLOCK MOVEMENTS, COMPLETE AND ASSEMBLED:	
9109.10.00	20	No	- Electrically operated	Free
9109.90.00	39	No	- Other	Free
9110			COMPLETE WATCH OR CLOCK MOVEMENTS, UNASSEMBLED OR PARTLY ASSEMBLED (MOVEMENT SETS); INCOMPLETE WATCH OR CLOCK MOVEMENTS, ASSEMBLED; ROUGH WATCH OR CLOCK MOVEMENTS:	
9110.1			- Of watches:	
9110.11.00	11	SR	Complete movements, unassembled or partly assembled (movement sets)	Free
9110.12.00	12		Incomplete movements, assembled	Free
9110.19.00	13		Rough movements	Free
9110.90			-Other:	
9110.90.10	14		Of goods of 9107.00.00	5%
9110.90.90	15		Other	Free
9111			WATCH CASES AND PARTS THEREOF:	
9111.10.00	16	No	- Cases of precious metal or of metal clad with precious metal	Free
9111.20.00	17	No	- Cases of base metal, whether or not gold- or silver- plated	Free
9111.80.00	18	No	- Other cases	Free
9111.90.00	19		- Parts	Free

[#] Unless otherwise indicated NZ, PG, FI, DC, LDC and SG rates are Free. Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free. DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

If no DCT rate shown, DCS rate applies. If no DCT or DCS rate shown, general rate applies. The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of Singapore unless the goods were imported before 1 December 2020.

Section 18 Chapter 91/6

(Chapter 92 follows)

Chapter 91/6				(Chapter 92 follows)	
Reference Number	Statistical Code/Unit		Goods	Rate #	
9112			CLOCK CASES AND CASES OF A SIMILAR TYPE FOR OTHER GOODS OF THIS CHAPTER, AND PARTS THEREOF:		
9112.20.00	41	No	- Cases	Free	
9112.90.00	22		- Parts	Free	
9113			WATCH STRAPS, WATCH BANDS AND WATCH BRACELETS, AND PARTS THEREOF:		
9113.10.00	23		- Of precious metal or of metal clad with precious metal	5% CA:Free	
9113.20.00	24		- Of base metal, whether or not gold- or silver-plated	Free	
9113.90.00	25		- Other	5% CA:Free	
9114			OTHER CLOCK OR WATCH PARTS:		
9114.30.00	28		- Dials	Free	
9114.40.00	29		- Plates and bridges	Free	
9114.90.00	90		- Other	Free	

★ Subheading 9114.10.00 has been repealed.

Singapore unless the goods were imported before 1 December 2020.

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Unless otherwise indicated general rate applies for CA.

Unless indicated in the relevant Schedule, rates for originating goods under a free trade agreement are Free.

DCS denotes the rate for countries and places listed in Part 4 of Schedule 1 to the Customs Tariff Regulations 2004.

DCT denotes the rate for HK, KR, SG and TW.

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The SG rate cannot be used to claim preferential tariff treatment for goods that are the produce or manufacture of

CHAPTER 92

Musical instruments; parts and accessories of such articles

- 9201 Pianos, including automatic pianos; harpsichords and other keyboard stringed instruments
- 9202 Other string musical instruments (for example, guitars, violins, harps)
- 9203 No heading
- 9204 No heading
- 9205 Wind musical instruments (for example, keyboard pipe organs, accordions, clarinets, trumpets, bagpipes), other than fairground organs and mechanical street organs
- 9206 Percussion musical instruments (for example, drums, xylophones, cymbals, castanets, maracas)
- 9207 Musical instruments, the sound of which is produced, or must be amplified, electrically (for example, organs, guitars, accordions)
- 9208 Musical boxes, fairground organs, mechanical street organs, mechanical singing birds, musical saws and other musical instruments not falling within any other heading of this Chapter; decoy calls of all kinds; whistles, call horns and other mouth-blown sound signalling instruments
- 9209 Parts (for example, mechanisms for musical boxes) and accessories (for example, cards, discs and rolls for mechanical instruments) of musical instruments; metronomes, tuning forks and pitch pipes of all kinds

Notes.

- 1.- This Chapter does not cover:
 - (a) Parts of general use, as defined in Note 2 to Section XV, of base metal (Section XV), or similar goods of plastics (Chapter 39);
 - (b) Microphones, amplifiers, loud-speakers, head-phones, switches, stroboscopes or other accessory instruments, apparatus or equipment of Chapter 85 or 90, for use with but not incorporated in or housed in the same cabinet as instruments of this Chapter;
 - (c) Toy instruments or apparatus (9503);
 - (d) Brushes for cleaning musical instruments (9603), or monopods, bipods, tripods and similar articles (9620); or
- ★ (e) Collectors' pieces or antiques (9705 or 9706).
 - 2.- Bows and sticks and similar devices used in playing the musical instruments of 9202 or 9206.00.00 presented with such instruments in numbers normal thereto and clearly intended for use therewith, are to be classified in the same heading as the relative instruments.

Cards, discs and rolls of 9209 presented with an instrument are to be treated as separate articles and not as forming a part of such instrument.