

2012/CTI2/MAG/005

Agenda Item: 7i

Implementing the 11-11-11 AMM Statement on Facilitating Trade in Remanufactured Products – Compilation of Submissions

Purpose: Information Submitted by: APEC Secretariat



41st Market Access Group Meeting Singapore 29 March 2012

Economy	Law or regulation related to tariff and non-tariff measures applied to goods that are not newly- manufactured	Hyperlinks for Laws, Regulations, or other tariff or non-tariff measures available on the internet.	Additional Information (this could include a description of the economy's trading regime concerning trade in goods that are not newly manufactured, whether the regime may apply to remanufactured goods, the applicable HTS codes for imports of goods under the regime, and/or the duties applied to imports covered by the regime)
Indonesia	The Regulation of The Minister of Trade Number 48/M-DAG/PER/12/2011 Regarding Provisions on the Import of Used Capital Goods	http://www.kemendag.go.id/publikasi/ iframe_mod.php?a=regulasi&i=publik asi&f=/regulasi/2011/12/Permendag %20Nomor%2048%20Tahun%2020 11.pdf	Applicable to remanufactured products
Korea	Enforcement Regualtion of Medical Devieces Act (Measures for import of secondhand medical devices)	http://www.law.go.kr/LSW/lsSc.do?mouseY=0&menuId=0&p1=&subMenu=1&searchChk=2&lawSearchName=LicLs%2C0&query=%EC%9D%98%EB%A3%8C%EA%B8%B0%EA%B8%B0%EB%B2%95+%EC%8B%9C%ED%96%89%EA%B7%9C%EC%B9%99#liBgcolor0	Korea does not apply separate rules to remanufactured goods in the process of customs clearance based on the Customs Act. In order to protect the public health, used medical devices have been strictly regulated in terms of their safety and efficacy by the law. Furthermore, remanufactured medical devices are categorized as used ones.
United States	Guides for the Rebuilt, Reconditioned and Other Used Automobile Parts Industry 16 CFR Part 20	http://ecfr.gpoaccess.gov/cgi/t/text/text/text- idx?c=ecfr&sid=5de11e010afaa51af 478dbd337f0cad6&rgn=div5&view=text&node=16:1.0.1.2.12&idno=16	Applicable to remanufactured products Relates to general U.S. truth in advertising law; does not concern trade, but rather sale of rebuilt, reconditioned, and other used auto parts on the U.S. market. Administered by the U.S. Federal Trade Commission. Applicable to remanufactured products.
	Trade Regulation Rule; Sale of Used Motor Vehicles 16 CFR Part 455	http://ecfr.gpoaccess.gov/cgi/t/text/text/text- idx?c=ecfr&sid=811b5b629c334bab1 f8452b96e011a0b&rgn=div5&view=text&node=16:1.0.1.4.59&idno=16	Relates to general U.S. truth in advertising law; does not concern trade, but rather sale of remanufactured auto parts on the U.S. market. Administered by the U.S. Federal Trade Commission. Not Applicable to remanufactured products.
	Federal Motor Vehicle Safety Standards §571.117 Standard No. 117; Retreaded pneumatic tires	http://www.gpo.gov/fdsys/pkg/CFR-2010-title49-vol6-sec571-117.pdf	This standard specifies performance, labeling, and certification requirements for retreaded pneumatic passenger car tires. The purpose of this standard is to require retreaded pneumatic passenger car tires to meet safety criteria similar to those for new pneumatic passenger car tires. This standard applies to retreaded pneumatic tires for use on passenger cars

		manufactured after 1948.
Conditional Exclusion for Used, Broken Cathode Ray Tubes (CRTs) and Processed CRT Glass Undergoing Recycling 40 CFR Part 40 261.39	http://www.gpo.gov/fdsys/pkg/CFR- 2011-title40-vol26/pdf/CFR-2011- title40-vol26-sec261-39.pdf	Not Applicable to remanufactured products. U.S. exporters shipping broken or unbroken CRTs to another economy for recycling must notify EPA and receive written consent from the receiving economy through EPA before shipments can be made. This requirement is similar to those applicable to exporters of hazardous waste, which are found at 40 CFR Part 262. Exporters shipping used, unbroken CRTs for reuse as computers to another economy must submit a one-time notification to EPA.
		Not Applicable to remanufactured products.

APPENDIX

REGULATION OF THE MINISTER OF THE REPUBLIC OF INDONESIA

NUMBER: 48/M-DAG/PER/12/2011

CONCERNING

PROVISIONS ON THE IMPORT OF USED CAPITAL GOODS

USED CAPITAL GOODS WHICH CAN BE IMPORTED

NO	TARIFF HEADINGS/HS	DESCRIPTION OF GOODS	REMARKS
	73.15	Chain and parts thereof, of iron or steel.	
	7315.90	-Other parts :	
	1 7315.90.90.00	Other	Only for Component Remanufactured Industry Heavy Tool
	84.05	Producer gas or water gas generators, with or without their purifiers; acetylene gas generators and similar water process gas generators, with or without their purifiers.	
	2 8405.10.00.00	-Producer gas or water gas generators, with or without their purifiers; acetylene gas generators and similar water process gas generators, with or without their purifiers	
	84.07	Spark - ignition reciprocating or rotary internal combustion piston engines.	
	8407.29	Other:	
	3 8407.29.20.00	Of a power not exceeding 22.38 kW (30 hp)	
	8407.29.90	Other :	
	4 8407.29.90.10	Of a power exceeding 22,38 kW (30 hp) but not exceeding 100 kW (134 hp)	
	84.08	Compression - ignition internal combustion piston engines (diesel or semi - diesel engines).	
	8408.10	-Marine propulsion engines :	
	5 8408.10.20.00	Of a power exceeding 22,38 kW but not exceeding 100 kW	Only for exceeding 25 Kw
	8408.10.90	Other:	
	6 8408.10.90.10	Of a power exceeding 100 kW but not exceeding 750 kW	
	7 8408.10.90.90	Other	
	8408.20	-Engines Of a kind used for the propulsion of vehicles of Chapter 87 :	
		Fully assembled	
		Other:	
	8 8408.20.21.00	Of a cylinder capacity not exceeding 2.000 cc	Only for diesel motor exceeding 25 kW
	8408.20.23	Of a cylinder capacity exceeding 3.500 cc	
	9 8408.20.23.20	Of a cylinder capacity exceeding 20.000 cc	Only for Remanufactured Industry from dump
	8408.90	-Other engines :	<u> </u>

	8408.90.50	Of a power exceeding 100 kW:	
10	8408.90.50.30	For machine from heading 84.29 or 84.30	Ony for Remanufactured industry component from tarif headings 8429 & 8430
	84.09	Parts suitable for use solely or principally with the engines of heading 84.07 or 84.08.	
		- Other:	
	8409.91	 - Suitable for use solely or principally with spark-ignition internal combustion piston engines : 	
		For machine from heading 84.29 or 84.30	
11	8409.91.12.00	Cylinder blocks	Only for Component Remanufactured Industry Heavy Tool
12	8409.91.14.00	Other cylinder liner	Only for Component Remanufactured Industry Heavy Tool
	84.11	Turbo-jets, turbo-propellers and	
		other gas turbines.	
10	0411 01 00 00	- Other gas turbines:	
_	8411.81.00.00	Of a power not exceeding 5,000 kW	
14	8411.82.00.00	Of a power exceeding 5,000 kW	
	84.13	Pumps for liquids, whether or not fitted with a measuring device; liquid elevators.	
	8413.70	-Other centrifugal pumps :	
		Single stage, single suction horizontal shaft water pumps suitable for belt drive or direct coupling, other than pumps with shafts common with prime mover	
15	8413.70.39.00	Other:	Only for component Remanufactured industry from heading 8429 & 8430
		Other water pumps, with flow rate not exceeding 8.000 m3/hour:	
	8413.70.41	Of inlet diameter measuring not exceeding 200 mm:	
16	8413.70.41.20	Not electrically operated	
		- Other pump; liquid elevators	
	8413.81	Pumps:	
	8413.81.11	Other water pumps, of flow rate not exceeding 8.000 m3/hour	
17	8413.81.11.10	electrically operated	Only for Remanufactured industry component from heading 8429 & 8430

18	8413.81.11.20	Not electrically operated	Only for Remanufactured industry component from
			heading 8429 & 8430
19	8413.81.19.00	Other	Only for component Remanufactured industry from heading 8429 & 8430
	84.14	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters.	
20	8414.40.00.00	-Air compressors mounted on a wheeled chasis for towing	
		Fans	
	8414.59	Other	
		Of a capacity not exceeding 125 kW:	
21	8414.59.20.00	Fans anti-explosion, of a kind commonly used in underground mining	
	84.17	Industrial or laboratory furnaces	
	51.11	and ovens, including incinerators, non-electric.	
22	8417.10.00.00	-Furnaces and ovens for the roasting, melting or other heat - treatment of ores, pyrites or of metals	
	84.18	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	
		-Other refrigerating or freezing equipment; pumps	
	8418.69	Other:	
		Water chillers having a refrigerating not exceeding 21.10kW	
23	8418.69.41.00	For conditioning machine	
	84.22	Dish washing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including heat-shrink wrapping machinery); machinery for aerating beverages.	

24	8422.30.00.00	-Machinery for filling, closing,	
4 1	0122.00.00.00		
		sealing, or labelling bottles, cans,	
		boxes, bags or other containers;	
		machinery for capsuling bottles,	
		jars, tubes and similar containers;	
		5 ,	
		machinery for aerating beverages	
25	8422.40.00.00	-Other packing or wrapping	
		Machinery (including heat-shrink	
		wrapping machinery)	
	84.23	Weighing machinery (excluding	
		balances of a sensitivity of 5 cg	
		· ·	
		or better), including weight	
		operated counting or checking	
		machines; weighing machine	
		weights of all kinds.	
		1	
		 Other weighing machine: 	
	8423.89	Other:	
26	8423.89.10.00	electrically operated	
	84.25	Pulley tackle and hoists, other	
		than skip hoists; winches and	
		capstans; jacks.	
		Dullary to alvia and baieta athon	
		-Pulley tackle and hoists other	
		than skip hoists or hoists of a kind	
		used for raising vehicles:	
		ğ	
27	8425.11.00.00	Powered by electric motor	
		-Other winches; capstans:	
	0.405.04.00.00		
28	8425.31.00.00	Powered by electric motor	
		-Jacks; hoists Of a kind used for	
		raising vehicles:	
	8425.49	Other:	
29	8425.49.10.00	electrically operated	
	84.26	3 1	
	84.20	Ships' derricks; cranes including	
		cable cranes; mobile lifting	
		frames, straddle carriers and	
		works trucks fitted with a crane.	
		works trucks fitted with a crane.	
		-Overhead traveling cranes,	
		•	
		transporter cranes, gantry cranes,	
		bridge cranes, mobile lifting	
		frames and straddle carriers:	
30	8426.12.00.00	Mobile lifting frames on tyres	
		and straddle carriers	
	0.406.10		
	8426.19	Other:	
31	8426.19.20.00	Bridge crane	
	8426.19.30.00	Gantry crane	
		·	
	8426.19.90.00	Other	
34	8426.20.00.00	- Tower cranes	
		-Other machinery, self-propelled :	
		3, 1 1	
35	8426.41.00.00	on tyres	excluding truck crane
		-Other machinery:	
	0.406.01.00.06		
36	8426.91.00.00	Designed for mounting on road	
		vehicles	
	84.27	Fork-lift trucks; other works	
	OT.21		
		trucks fitted with lifting or	
		handling equipment.	
27	8427.10.00.00	-Self-propelled trucks Powered by	Forklift propelled by an
37	UT41.10.00.00		
1		an electric motor	electric motor

38	8427.20.00.00	-Other Self-propelled trucks	Forklift propelled by engine
	84.29	Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers.	
		-Bulldozers and angledozers :	
39	8429.11.00.00	Track laying	excluding bulldozer that is having capacity 160-250 HP
40	8429.19.00.00	Other	excluding bulldozer that is having capacity 160-250 HP
41	8429.20.00.00	-Graders and levellers	
	8429.40	-Tamping machines and road rollers	
42	8429.40.30.00	Tamping machine	excluding road roller that is having weighing 10-15 ton
43	8429.40.40.00	Vibratory smooth drum roller, with the centrifugal force does not exceed 20 t by weight	excluding road roller that is having weighing 10-15 ton
44	8429.40.50.00	Other vibratory road roller	excluding road roller that is having weighing 10-15 ton
45	8429.40.90.00	Other	excluding road roller that is having weighing 10-15 to
		-Mechanical shovels, excavators and shovel loaders:	
46	8429.51.00.00	Front-end shovel loader	
47	8429.52.00.00	Machinery with a 360° revolving super structure	
	84.30	Other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snowploughs and snow-blowers.	
48	8430.10.00.00	-Pile-drivers and pile-extractors -Coal or rock cutters and	
		tunnelling machinery:	
49	8430.31.00.00	Self-propelled	
		-Other boring or sinking	
50	8430.41.00.00	machinery :Self-propelled	
30	8430.49	Other:	
51	8430.49.10.00	Wellhead platforms and integrated production modules for use in drilling operations	
52	8430.50.00.00	-Other machinery, self-propelled -Other machinery, not self-propelled:	
	84.31	Parts suitable for use solely or principally with the machinery of headings 84.25 to 84.30.	

	8431.10	- Of machinery of heading 84.2 5 :	
	0401.10	Of electrically operated machines	
		·	
53	8431.10.13.00	Of goods of subheadings	
	0101.10.10.00	8425.11.00, 8425.31.00 or	
		8425.49.10	
		-Of machinery of heading 84.26,	
		84.29 or 84.30	
	8431.41	Buckets, shovels, grabs and	
		grips	
54	8431.43.00.00	Parts of boring or sinking	
		machinery of subheading 8430.41	
		or 8430.49	
	84.39	Machinery for making pulp of	
		fibrous cellulosic material or for	
		making or finishing paper or	
		paperboard.	
55	8439.20.00.00	-Machinery for making paper or	
		paperboard	
56	8439.30.00.00	-Machinery for finishing paper or	
		paperboard	
		-Parts :	
	84.40	Book-binding machinery,	
		including book-sewing machines	
	8440.10	- Machinery:	
57	8440.10.10.00	electrically operated	
	84.41	Other machinery for making up	
		paper pulp, paper or paperboard, including cutting machines of all	
		kinds.	
	8441.10	-Cutting machines :	
FO	8441.10.10.00	electrically operated	
36	8441.20		
	8441.20	-Machines for making bags, sacks or envelopes:	
50	8441.20.10.00	electrically operated	
39	8441.30	-Machines for making cartons,	
	0441.50	boxes, cases, tubes, drums or	
		similar containers, other than by	
		moulding:	
60	8441.30.10.00	electrically operated	
	8441.40	-Machines for moulding articles in	
		paper pulp, paper or paperboard :	
61	8441.40.10.00	electrically operated	
	8441.80	-Other machinery:	
62	8441.80.10.00	electrically operated	
	84.42	Machinery, apparatus and	
		equipment (other than the	
		machine-tools of headings 84.56	
		to 84.65), for preparing or	
		making plates, cylinders or	
		other printing components;	
		plates, cylinders and other printing components; plates,	
		cylinders and lithographic	
		stones, prepared for printing	
		purposes (for example, planed,	
		grained or polished).	
	8442.30	Machinery apparetus and	
	0774.30	-Machinery, apparatus and equipment :	
62	8442.30.10.00	electrically operated	
03	OT#4.30.10.00	ciccurcany operated	

	84.43	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42; other printers, copying machines, and facsimile machines, whether or not combined; parts and accessories thereof	
		-Printing Machinery used for Printing by means of plates, cylinder and other printing components of heading 84.42 :	
64	8443.11.00.00	Offset printing machinery, reel- fed	
65	8443.12.00.00	Offset printing machinery, sheet- fed, office type (using sheets with one side not exceeding 22 cm and the other side not exceeding 36 cm on the unfolded state)	
66	8443.13.00.00	Other Offset Printing Machinery	
67	8443.14.00.00	Letterpress printing machinery, reel-fed, excluding flexographic printing	
68	8443.15.00.00	Letterpress printing machinery, other than r e e l -fed, excluding flexographic printing	
69	8443.16.00.00	Flexographic Printing Machinery	
70	8443.17.00.00	Gravure Printing Machinery	
		-Other printers, copying machines and facsimile machines, whether or not combined :	
	8443.39	Other:	
		Electrostatic photocopying apparatus operating by reproducing the original image d i r e c tly onto the copy (direct process):	
71	8443.39.19.00	Other	
	8443.39.20	Electrostatic photocopying apparatus, operating by reproducing the original image via an intermediate onto the copy (indirect process), operating by converting the original document into digital code:	
72	8443.39.20.90	Other	
	8443.39.30	Other photocopying apparatus incorporating an optical system :	
73	8443.39.30.90	Other	
	84.44	Machines for extruding, drawing, texturing or cutting man-made textile materials.	
74	8444.00.10.00	electrically operated	

		<u> </u>	-
	84.45	Machines for preparing textile	
		fibres; spinning, doubling or	
		twisting machines and other	
		machinery for producing textile	
		yarns; textile reeling or winding	
		(including weft-winding)	
		machines and machines for	
		preparing textile yarns for use	
		on the machines of heading	
		84.46 or 84.47.	
		-Machines for preparing textile	
		fibres :	
	8445.11	Carding machines :	
75	8445.11.10.00	electrically operated	
	8445.12	Combing machines :	
76	8445.12.10.00	electrically operated	
	8445.13	Drawing or roving machines :	
77	8445.13.10.00	electrically operated	
,,,	8445.19	Other	
		0 0000	
78	8445.19.10.00	electrically operated	
	8445.20	-Textile spinning machines :	
79	8445.20.10.00	electrically operated	
	8445.30	-Textile doubling or twisting	
		machines:	
80	8445.30.10.00	electrically operated	
	8445.40	-Textile winding (including weft-	
	0.101.10	winding)or reeling machines:	
		8/8	
Ω1	8445.40.10.00	electrically operated	
01		- Other	
	8445.90		
	84.46	Weaving machines (looms).	
	8446.10	-For weaving fabrics of a width not	
-		exceeding 30 cm:	
82	8446.10.10.00	electrically operated	
82	8446.10.10.00		
82	8446.10.10.00	electrically operated	
82	8446.10.10.00	electrically operated -for weaving fabrics of a width	
	8446.10.10.00 8446.21.00.00	electrically operated -for weaving fabrics of a width	
83		electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms	
83	8446.21.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: - Power looms -For weaving fabrics of a width	
83	8446.21.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms	
83	8446.21.00.00 8446.30.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: - Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type	
83	8446.21.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch-	
83	8446.21.00.00 8446.30.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines	
83	8446.21.00.00 8446.30.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle,	
83	8446.21.00.00 8446.30.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings,	
83	8446.21.00.00 8446.30.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines	
83	8446.21.00.00 8446.30.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings,	
83	8446.21.00.00 8446.30.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting.	
83	8446.21.00.00 8446.30.00.00 84.47	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: - Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:	
83	8446.21.00.00 8446.30.00.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not	
83	8446.21.00.00 8446.30.00.00 84.47	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not exceeding 165 mm:	
83 84	8446.21.00.00 8446.30.00.00 84.47	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not exceeding 165 mm:Electrically operated	
83 84	8446.21.00.00 8446.30.00.00 84.47	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not exceeding 165 mm:	
83 84	8446.21.00.00 8446.30.00.00 84.47 8447.11 8447.11.10.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not exceeding 165 mm:Electrically operated	
83 84 84	8446.21.00.00 8446.30.00.00 84.47 8447.11 8447.11.10.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not exceeding 165 mm:Electrically operatedWith cylinder diameter exceeding	
83 84 84	8446.21.00.00 8446.30.00.00 84.47 8447.11 8447.11.10.00 8447.12	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: - Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not exceeding 165 mm:Electrically operatedWith cylinder diameter exceeding 165 mm:Electrically operated	
83 84 84	8446.21.00.00 8446.30.00.00 84.47 8447.11 8447.11.10.00 8447.12 8447.12.10.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not exceeding 165 mm:Electrically operatedWith cylinder diameter exceeding 165 mm:Electrically operatedFlat knitting machines; stitch-	
83 84 84 85	8446.21.00.00 8446.30.00.00 84.47 8447.11 8447.11.10.00 8447.12 8447.12.10.00	electrically operated -for weaving fabrics of a width exceeding 30 cm, shuttle type: - Power looms -For weaving fabrics of a width exceeding 30 cm, shuttleless type Knitting machines, stitch- bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting. -Circular knitting machines:With cylinder diameter not exceeding 165 mm:Electrically operatedWith cylinder diameter exceeding 165 mm:Electrically operated	

	84.48	Auxiliary machinery for use with machines of heading	
		84.44, 84.45, 84.46 or 84.47 (for example, dobbies,	
		Jacquards, automatic stop motions, shuttle changing	
		mechanisms); parts and	
		accessories suitable for use solely or principally with the	
		machines of this heading or of	
		heading 84.44, 84.45, 84.46 or 84.47 (for example, spindles	
		and spindle flyers, card	
		clothing, combs, extruding nipples, shuttles, healds and	
		heald-frames, hosiery	
		-Auxiliary machinery for	
		machines of heading 84.44, 84.45, 84.46 or 84.47 :	
	8448.11	Dobbies and Jacquards; card reducing, copying, punching or	
		assembling machines for use	
		therewith:	
88	8448.11.10.00	Electrically operated	
80	8448.19 8448.19.10.00	Other Electrically operated	
	8448.20.00.00	-Parts and accessories of	
		machines of heading 84.44 or of	
		their auxiliary machinery	
		-Parts and accessories of machines of heading 84.45 or of their	
		auxiliary machinery :	
0.1	8448.32.00.00	Of martines for marriage	
91	8448.32.00.00	Of machines for preparing textile fibres, other than card	
		clothing	
92	8448.39.00.00	Other -Parts and accessories of machines	
		of heading 84.47 or their auxiliary	
02	8448.59.00.00	machinery:	
93	84.51	Machinery (other than	
		machines of heading 84.50) for washing, cleaning,	
		wringing, drying, ironing,	
		pressing (including fusing	
		presses), bleaching, dyeing, dressing, finishing, coating or	
		impregnating textile yarns,	
		fabrics or made up textile articles and machines for	
		applying the paste to the base	
		fabric or other support used in the manufacture of	
		floor coverings such as	
		linoleum; machines for reeling, unreeling, folding,	
		cutting or pinking textile fabrics.	
		laurics.	
I			1

0.4	9451 10 00 00	Day day in a section	_
94	8451.10.00.00	-Dry-cleaning machines	
0.5	0451 00 00 00	-Drying machines :	
95	8451.29.00.00	Other	
	8451.30	-Ironing machines and presses (including fusing presses)	
		(morading rading product)	
96	8451.30.10.00	-Ironing machines domestic type	
		single roller	
	8451.30.90.00	Other	
98	8451.40.00.00	-Washing, bleaching or dyeing machines	
99	8451.50.00.00	-Machines for reeling, unreeling,	
33	0.101.50.00.00	folding, cutting or pinking textile	
		fabrics	
	84.52	Sewing machines, other	
		than book-sewing cmachines of	
		heading No.84.40; furniture,	
		bases and covers specially designed for sewing machines;	
		sewing machines needles.	
		-Other sewing machines :	
100	8452.21.00.00	Automatic units	
	84.53	Machinery for preparing,	
		tanning or working hides, skins	
		or leather or for making or	
		repairing footwear or other articles of hides, skins or	
		leather, other than sewing	
		machines.	
	8453.10	-Machinery for preparing, tanning	
		or working hides, skins or leather	
		:	
101	8453.10.10.00	Electrically operated	
	8453.20	-Machinery for making or repairing	
		footwear:	
102	8453.20.10.00	Electrically operated	
	84.54	Converters, ladles, ingot moulds and casting machines, of a kind	
		used in metallurgy or in metal	
		foundries.	
		<u> </u>	
103	8454.20.00.00	-Ingot moulds and ladles	
	8454.30.00.00	-Casting machines	
105	8454.90.00.00	-Parts	
	84.56	Machine-tools for working any	
		material by removal of material, by laser or other light	
		or photon beam, ultrasonic,	
		electro-discharge, electro -	
		chemical, electron beam,	
		ionic-beam or plasma arc	
		processes.	
100	0456 10 00 00		
106	8456.10.00.00	-Operated by laser or other light	
		or photon beam processes	
107	8456.30.00.00	-Operated by electro-discharge	
107	2.23.00.00.00	processes	
	8456.90	-Other:	
108	8456.90.90.00	Other	

	84.57	Machining centres, unit construction machines (single station) and multi-station transfer machines, for working metal.	
109	8457.10.00.00	-Machining centres	
110	8457.20.00.00	-Unit construction machines	
		(single-station)	
	84.58	Lathes (including turning centres) for removing metal	
		-Horizontal lathes :	
111	8458.11.00.00	Numerically controlled	
	8458.19	Other:	
112	8458.19.10.00	With the distance between spindle center and the bed does not exceeding 300 mm	
113	8458.19.90.00	Other	
		-Other lathes :	
114	8458.91.00.00	Numerically controlled	
	8458.99	Other	
115	8458.99.10.00	With the distance between spindle center and the bed does not exceeding 300 mm	
116	8458.99.90.00	Other	
	84.59	Machine-tools (including way-type unit head-machines) for drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centres) of heading 84.58.	
	8459.10	-Way-type unit head machines :	
117	8459.10.10.00	Electrically operated	
		-Other drilling machines :	
	8459.29	Other:	
118	8459.29.10.00	Electrically operated	
		-Other boring-milling machines :	
119	8459.31.00.00	Numerically controlled	
	8459.39	Other:	
120	8459.39.10.00	Electrically operated	
	8459.40	-Other boring machines :	
121	8459.40.10.00	Electrically operated	
	0.170.70	-Milling machines, knee-type:	
4	8459.59	Other:	
122	8459.59.10.00	Electrically operated	
100	0450 61 00 00	-Other milling machine :	
123	8459.61.00.00	Numerically controlled	
104	8459.69	Other:	
124	8459.69.10.00	Electrically operated	
	8459.70	'-Other threading or tapping machines :	
125	8459.70.10.00	Electrically operated	

	10.4.0	T	
	84.60	Machine-tools for deburring,	
		sharpening, grinding, honing,	
		lapping, polishing or	
		otherwise finishing metal or	
		cermets by means of grinding	
		stones, abrasives or polishing	
		products, other than gear	
		cutting, gear grinding or gear	
		finishing machines of heading	
		84.61.	
		04.01.	
		-Flat-surface grinding machines,	
		in which the positioning in any	
		one axis can be set up to an	
		accuracy of at least 0.01 mm:	
	9460 10	Othon	
100	8460.19	Other	
126	8460.19.10.00	Electrically operated	
		-Other grinding machines, in	
		which the positioning in any one	
		axis can be set up to an accuracy	
		of at least 0.01 mm:	
	8460.29	Other	
127	8460.29.10.00	Electrically operated	
		-Sharpening (tool or cutter	
		grinding) machnines:	
	8460.39	Other	
108	8460.39.10.00	Electrically operated	
120	8460.40	-Honing or lapping machines :	
100	8460.40.10.00	Electrically operated	
129		Machine-tools for planing,	
	84.61		
		shaping, slotting, broaching,	
		gear cutting, gear grinding or	
		gear finishing, sawing, cutting-	
		off and other machine - tools	
		working by removing metal or	
		cermets, not elsewhere specified	
		or included.	
	8461.20	-Shaping or slotting machines :	
130	8461.20.10.00	Electrically operated	
	8461.30	-Broaching machines:	
131	8461.30.10.00	Electrically operated	
	8461.40	-Gear cutting, gear grinding or	
		gear finishing machines:	
132	8461.40.10.00	Electrically operated	
	8461.50	-Sawing or cutting-off machines :	
		and or extend on machines.	
133	8461.50.10.00	Electrically operated	
	8461.90	-Other	
		Electrically operated	
134	8461.90.11.00	Reaper	
	8461.90.19.00	Other	
133	0.101.70.17.00	0.0101	

		<u>-</u>	
	84.62	Machine-tools (including	
ĺ		presses) for working metal by	
		forging, hammering or die-	
		stamping; machine-tools	
		(including presses) for working	
		metal by bending, folding,	
		straightening, flattening,	
		shearing, punching or	
		notching; presses for working metal or metal carbides, not	
		specified above.	
		opcomou above.	
	0.150.10		
	8462.10	-Forging or die-stamping	
		machines (including presses) and hammers:	
126	0460 10 10 00		
136	8462.10.10.00	Electrically operated	
		-Bending, folding, straightening or	
		flattening machines (including	
		presses):	
107	8462 21 00 00	Numerically controlled	
137	8462.21.00.00 8462.29	Numerically controlled Other:	
120	8462.29 8462.29.10.00	Ctner:	
138	8462.29.10.00		
		-Shearing machines (including presses), other than combined	
		punching and shearing machines:	
		paneining and shearing macinites.	
 	8462.39	Other	
120	8462.39.10.00	Electrically operated	
139	8402.39.10.00		
		-Punching or notching machines	
		(including presses), including combined punching and	
		shearing machines:	
		oncoming macrimics .	
	8462.49	Other	
140	8462.49.10.00	Electrically operated	
140	8402.49.10.00	-Other	
1/1	8462.91.00.00	Hydraulic presses	
171	8462.99	Other:	
140	8462.99.10.00	Machines for the manufacture	
142	8402.99.10.00	of boxes, cans and similar	
		containers of tin plate,	
		electrically operated	
		electrically operated	
1/12	8462.99.50.00	Other, electrically operated	
143	84.63	Other machine-tools for	
	UT.UU	working metal or cermets,	
		without removing material.	
	8463.10	-Draw-benches for bars, tubes,	
	0.100.10	profiles, wire or the like:	
		promos, who or the like.	
144	8463.10.10.00	Electrically operated	
	8463.20	-Thread rolling machines :	
145	8463.20.10.00	Electrically operated	
143	8463.30	-Thread rolling machines :	
146	8463.30.10.00	Electrically operated	
140	8463.90	-Other	
147	8463.90.10.00	Electrically operated	
1+7	84.64	Machine-tools for working stone,	
	U-1.U-1	ceramics, concrete, asbestos-	
		cement or like mineral materials	
		or for cold working glass.	
		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	8464.20	-Grinding or polishing machines :	
	0.01.20	committee or pononing machines.	

148	8464.20.10.00	Electrically operated	
	84.65	Machine-tools (including machines for nailing, stapling, glueing or otherwise assembling) for working wood, cork, bone,	
		hard rubber, hard plastics or similar hard materials.	
		-Other:	
	8465.91	Sawing machines:	
149	8465.91.10.00	For scoring printed circuit boards or printed wiring boards or printed circuit boards or printed wiring boards substrates, electrically operated	
150	8465.91.20.00	Other, electrically operated	
	8465.92	Planing, milling or moulding (by cutting) machines:	
151	8465.92.20.00	Other, electrically operated	
	8465.93	Grinding, sanding or polishing machines :	
152	8465.93.10.00	Electrically operated	
	8465.94	Bending or assembling machines :	
153	8465.94.10.00	Electrically operated	
	8465.95	Drilling or morticing machines :	
154	8465.95.10.00	Drilling machines for the manufacture of printed circuit boards or printed wiring boards, with a spindle speed exceeding 50,000 rpm and accepting drill bits of a shank diameter not exceeding 3.175 mm	
155	8465.95.30.00	Other, electrically operated	
	8465.96	'Splitting, slicing or paring machines :	
156	8465.96.10.00	Electrically operated	_
	8465.99	Other:	
	8465.99.30.00	Lathes, electrically operated	
	8465.99.60.00	Other, electrically operated	
159	8465.99.90.00	Other	
	84.71	Automatic data processing machines and units thereof; magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, not elsewhere specified or included.	
		-Other automatic data processing machines:	
	8471.41	Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined:	

160	8471.41.10.00	Personal computers	
		excluding portable computers	
		of subheading 8471.30	
	84.77	Machinery for working rubber	
		or plastics or For the	
		manufacture of products from	
		these materials, not specified or	
		included elsewhere in this	
		Chapter.	
	8477.10	-Injection-moulding machines :	
161	8477.10.10.00	For moulding rubber	
		For moulding plastics :	
162	8477.10.31.00	Poly (vinyl chloride) injection	
		moulding machines	
	8477.20	-Extruders :	
	8477.20.10.00	For extruding rubber	
	8477.20.20.00	For extruding plastics	
165	8477.30.00.00	-Blow moulding machines	
	8477.40	-Vacuum moulding machines	
		and other thermo forming	
		machines:	
		macmites.	<u> </u>
166	8477.40.20.00	For moulding or forming plastics	
		8	
<u></u>			
	8477.80	-Other machinery:	
L			
		For working plastics or for the	
		manufacture of products from	
		plastics, electrically	
		plastics, electrically	
167	8477.80.31.00	Lamination presses for the	
		manufacture of printed circuit	
		boards or printed wiring boards	
	84.78	Machinery for preparing or	
		making up tobacco, not specified	
		or included elsewhere in this	
		Chapter.	
	8478.10	-Machinery :	
168	8478.10.10.00	Electrically operated	
100	84.79	Machines and mechanical	
	I ,	appliances, having individual	
1			
		functions, not specified or	
		included elsewhere in this	
		Chapter.	
	8479.10	-Machinery for public works,	
		building or the like:	
169	8479.10.10.00	Electrically operated	
	8479.20	-Machinery for the extraction or	
	- · - · - ·	preparation of animal or fixed	
		vegetable fats or oils :	
170	8479.20.10.00	Electrically operated	
170	8479.30	Electrically operated -Presses for the manufacture of	
	0479.30		
		particle board or fibre building	
		board of wood or other ligneous	
		materials and other machinery	
		for treating wood or cork:	
171	8479.30.10.00	Electrically operated	
	•		

172	8479.50.00.00	-Industrial robots, not elsewhere specified or included	
		-Other machines and mechanical appliances :	
	8479.81	For treating metal, including electric wire coil-winders:	
173	8479.81.10.00	Electrically operated	
173	8479.82		
	8479.82	Mixing, kneading, crushing, grinding, screening, shifting, homogenising, emulsifying or stirring machines:	
		Stirring macrimics .	
174	8479.82.10.00	Electrically operated	
	84.80	Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics.	
	8480.30	-Moulding patterns :	
175	8480.30.90.00	Other	
		-Moulds for metal or metal carbides :	
176	8480.41.00.00	Injection or compression types	
177	8480.49.00.00	Other	
	8480.50.00.00	-Moulds for glass	
		-Moulds for rubber or plastics :	
	8480.71	Injection or compression types:	
179	8480.71.10.00	-Moulds for footwear soles	
	8480.71.90	Other:	
180	8480.71.90.90	Other	
	84.83 8483.30	Transmission shafts (including cam shaft and crank shafts) and cranks; bearing housings and plain shaft bearing; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints). -Bearing housings, not incorporating ball or roller bearings, plain shaft bearings:	
181	8483.30.90.00	Other	
101	8483.40	-Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters:	
182	8483.40.30.00	For the engines of earth moving machines	
	L	macinics	

	83 8483.40.90.00	Other	
	85.01	Electric motors and	
		generators (excluding	
		generating sets)	
	8501.10	-Motors of an output not exceeding	
		37.5 W:	
		DC motors :	
		Other:	
18	84 8501.10.41.00	Of a kind used for goods of	
		headings 84.15, 84.18, 84.50, 85.09 or 85.16	
	0501.00		
	8501.20	-Universal AC/DC motors of an output exceeding 37.5 W:	
		Of an output not exceeding 1 kW	
1	85 8501.20.19.00	Other	
10	33 8301.20.19.00	-Other AC motors, multi-phase :	
		-Other Ac motors, multi-phase.	
	8501.52	Of an output exceeding 750	
	0001.02	W but not exceeding 75 kW:	
	 	Of an output not exceeding 1 kW	
		:	
		Of an output not exceeding 37.5	
		kW:	
18	86 8501.52.31.00	Of a kind used for goods of	
		headings 84.15, 84.18, 84.50,	
		85.09 or 85.16	
18	87 8501.52.39.00	Other	
		-AC generators (alternators) :	
18	88 8501.63.00.00	Of an output exceeding 375	
		kVA but not exceeding 750 kVA	
18	89 8501.64.00.00	Of an output exceeding 750	
		kVA	
	85.02	Electric generating sets	
		and rotary converters.	
		-Generating sets with compression-ignition internal	
		compression-ignition internal	
		combustion piston engines (diesel	
	8502.12	combustion piston engines (diesel or semi-diesel engines) :	
	8502.12	combustion piston engines (diesel or semi-diesel engines) : Of an output exceeding 75	
	8502.12	combustion piston engines (diesel or semi-diesel engines) :	
19	8502.12 90 8502.12.20.00	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA	
19		combustion piston engines (diesel or semi-diesel engines) : Of an output exceeding 75	
19		combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125	
19	90 8502.12.20.00	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA	
	90 8502.12.20.00	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA	
	90 8502.12.20.00 8502.13	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA	
19	90 8502.12.20.00 8502.13	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or moreOther	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with spark-	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with sparkignition internal combustion	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with sparkignition internal combustion piston engines:	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00 8502.20	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000 kVA:	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000 kVA: Other	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00 8502.20	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000 kVA: Other Other -Other generating sets:	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00 8502.20 93 8502.20.49.00 8502.39	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000 kVA: Other -Other generating sets:	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00 8502.20	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other -Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000 kVA: Other Other Other Other generating sets: Other Other Other Other Other Other Other	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00 8502.20 93 8502.20.49.00 8502.39	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000 kVA: Other Other Other Other generating sets: Other Other Other Other Other dan output exceeding 10 kVA but not exceeding 10,000	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00 8502.20 93 8502.20.49.00 8502.39	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000 kVA: Other Other Other Other generating sets: Other Other Other Of an output exceeding 10 kVA but not exceeding 10,000 kVA	
19	90 8502.12.20.00 8502.13 91 8502.13.10.00 92 8502.13.90.00 8502.20 93 8502.20.49.00 8502.39	combustion piston engines (diesel or semi-diesel engines): Of an output exceeding 75 kVA but not exceeding 375 kVA Of an output exceeding 125 kVA Of an output exceeding 375 kVA Of an output of 12,500 kVA (10,000 kW) or more Other Generating sets with sparkignition internal combustion piston engines: Of an output exceeding 10,000 kVA: Other Other Other Other generating sets: Other Other Other Other Other dan output exceeding 10 kVA but not exceeding 10,000	

195	8502.39.39.00	Other	
	85.04	Electrical transformers, static converters (for example, rectifiers) and inductors.	
	8504.40	-Static converters:For automatic data processing machines and units thereof, and telecommunications apparatus:	
196	8504.40.30.00	Other rectifiers	Specific configuration for cellular base stations that
197	8504.40.90.00	Other	have not been manufactured in Indonesia by the specification: "MCS 1800 - 48V Rectifier" 1. wide input voltage range: 90 - 275 Vrms 2. Power Factor Correction 0.99 3. Operating Temperature range up to 65 derajat Celsius 4. Intelligent microprocessor controlled
	85.14	Industrial or laboratory electric 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.	
198	8514.10.00.00	-Resistance heated furnaces and ovens	
	85.17	Telephone sets, including telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data including apparatus for communication in a wired or wireless networks (such as local or wide area network), other than transmission or reception apparatus of heading 84.43, 85.25, 85.27 or 85.28.	

		-Other apparatus for transmission or reception of voices, images or other data, including apparatus for communication in including apparatus for communication in including apparatus for communication in a wired or wireless network (such as: local or wide area network)	
199	8517.61.00.00	Base stations :	
	8517.62	Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching images or other data, including switching and routing apparatus :	
200	8517.62.10.00	Radio transmitters and radio receivers of a kind used for simultaneous interpretation at multilingual conferences	
		Units of automatic data processing machines other than those of heading 84.71:	
201	8517.62.21.00	Control and adaptor units, including gateways, bridges and routers	
202	8517.62.29.00	Other	
203	8517.62.30.00	Telephonic or telegraphic switching apparatus	
		Apparatus for carrier-current line systems or for digital line systems :	
204	8517.62.41.00	Modems including cable modems and modem cards	
205	8517.62.42.00	Concentrators or multiplexers	
206	8517.62.49.00	OtherOther transmission apparatus incorporating reception apparatus :	
207	8517.62.51.00	Wireless LANs	
208	8517.62.52.00	Transmission and reception apparatus of a kind used for simultaneous interpretation at multilingual	
209	8517.62.53.00	Other transmission apparatus for radio- telephony or radio- telegraphy	
210	8517.62.59.00	OtherOther transmission apparatus :	
	8517.70	-Parts:	
E	-	-	

		Of transmission apparatus,	
		other than radio-broadcasting	
		or television transmission	
		apparatus, or of portable	
		receivers for calling, alerting or	
		paging and paging alert	
		devices,including pagers :	
211	8517.70.21.00	Of cellular telephones	
	8517.70.29.00	Other	
212	0017.70.23.00	Other printed circuit boards,	
		assembled:	
012	8517.70.31.00	From goods for line telephony or	
213	8317.70.31.00	line telegraphy	
014	8517.70.32.00	9 1 1	
214	8517.70.32.00	For radio-telephony or radio-	
015	0515 50 00 00	telegraphy	
	8517.70.39.00	Other	
216	8517.70.40.00	Antennae of a kind used with	
		apparatus for radio-telephony or	
		radio-telegraphy	
		Other:	
217	8517.70.91.00	From goods for line telephony or	
		line telegraphy	
218	8517.70.92.00	Antennae of a kind used with	
		apparatus for radio-telephony or	
		radio-telegraphy	
219	8517.70.99.00	Other	
	85.31	Electric sound or visual	
		signalling apparatus (for	
		example, bells, sirens, indicator	
		panels burglar or fire alarms),	
		other than those of heading	
		85.12 or 85.30.	
220	8531.20.00.00	-Indicator panels incorporating	
220	0001.20.00.00	liquid crystal devices (LCD) or	
		light emitting diodes (LED)	
		Ingite crimeting diodeo (EEE)	
	87.08	Parts and accessories of the	
	87.08	motor vehicles of headings	
		87.01 to 87.05.	
	0700 20		
	8708.30	-Brakes and servo-brakes; parts	
224		thereof:	
221	8708.30.90.00	Other	Only for Component
			Remanufactured Industry
			Heavy Tool
	8708.40	-Gear boxes and parts thereof:	
		Gear boxes, unassembled:	
	8708.40.27	For Vehicles of heading 87.04	Only for Component
		or 87.05	Remanufactured Industry
			Heavy Tool
222	8708.40.27.10	For vehicles of tariff heading	
		8704.10.28.00 weighing 1.2 ton or	
		more	
	8708.50	-Drive-axles with differential,	
		whether or not provided with	
		other transmission components,	
		and non-driving axles; parts	
			1
		thereof:	
202	8708 50 13 00	Unassembled :	Only for Component
223	8708.50.13.00	Unassembled : For Vehicles of heading 87.04	Only for Component
223	8708.50.13.00	Unassembled :	Only for Component Remanufactured Industry Heavy Tool

004	0700 50 10 00	0.1	0.1.6.0
224	8708.50.19.00	Other	Only for Component Remanufactured Industry
			Heavy Tool
		Assembled :	
	8708.50.27	For Vehicles of heading 87.04 or 87.05	
225	8708.50.27.10	For vehicles of tariff heading 8704.10.28.00 with shaft diameter of 120 mm or more	Only for Component Remanufactured Industry Heavy Tool
226	8708.50.27.90	Other	Only for Component Remanufactured Industry Heavy Tool
	8708.70	-Road wheels and parts and accessories thereof:	
		Wheel centre discs caps:	
227	8708.70.17.00	For Vehicles of heading 87.02 or 87.04	Only for Component Remanufactured Industry Heavy Tool
228	8708.70.19.00	Other	Only for Component Remanufactured Industry Heavy Tool
		- Wheels without tires mounted:	
	8708.70.39	Other:	
229	8708.70.39.10	For vehicles of tariff heading 8704.10.28.00 with a diameter of 1,000 mm or more	Only for Component Remanufactured Industry Heavy Tool
		Other:	
230	8708.70.96.00		Only for Component
		or 87.04	Remanufactured Industry Heavy Tool
231	8708.70.99.00	Other	Only for Component Remanufactured Industry Heavy Tool
		-Other parts and accessories:	
	8708.99	Other	
		For Vehicles of heading 87.02, 87.03 or 87.04	
		Fuel Tanks and other parts:	
232	8708.99.21.00	Fuel tanks	Only for Component Remanufactured Industry Heavy Tool
		Frame chassis or parts thereof:	
	8708.99.63	For Vehicles of heading 87.04:	
233	8708.99.63.20	With g.v.w. exceeding 24 t	Only for Component Remanufactured Industry Heavy Tool
234	8708.99.70.00	Other	Only for Component Remanufactured Industry Heavy Tool
235	8708.99.90.00	Other	Only for Component Remanufactured Industry Heavy Tool
236	8801.00.00.00	Balloons and dirigibles; gliders, hang gliders and other non- powered aircraft.	

	88.02	Other aircraft (for example, helicopters, aeroplanes); spacecraft (including satellites) and suborbital and spacecraft launch vehicles.	
		- Helicopters:	
237	8802.11.00.00	Of an unladen weight not exceeding 2,000 kg	
238	8802.12.00.00	Of an unladen weight exceeding 2,000 kg	
	8802.20	-Aeroplanes and other aircraft, of an unladen weight not exceeding 2,000 kg:	
239	8802.20.10.00	Aeroplanes	
	8802.20.90.00	Other	
	8802.30	-Aeroplanes and other aircraft, of an unladen weight exceeding 2,000 kg but not exceeding 15,000 kg:	
241	8802.30.10.00	Aeroplanes	
	8802.30.90.00	Other	
	8802.40	-Aeroplanes and other aircraft, of an unladen weight exceeding 15,000 kg:	
243	8802.40.10.00	Aeroplanes	
244	8802.40.90.00	Other	
245	8802.60.00.00	-Spacecraft (including satellites) and suborbital and spacecraft launch vehicles	
	88.03	Parts of goods of heading 88.01 or 88.02.	
246	8803.10.00.00	-Propellers and rotors and parts thereof	
247	8803.20.00.00	-Under-carriages and parts thereof	
248	8803.30.00.00	-Other parts of aeroplanes or helicopters	
	8803.90	-Other	
249	8803.90.10.00	Of telecommunication satellites	
250	8803.90.20.00	Of balloons, gliders or kites	
	8803.90.90.00	Other	
	88.04	Parachutes (including dirigible parachutes and paragliders) and rotochutes; parts thereof and accessories thereto.	
252	8804.00.10.00	- Rotochutes and parts thereof	
253	8804.00.90.00	-Other	
	88.05	Aircraft launching gear; deck- arrestor or similar gear; ground flying trainers; parts of the foregoing articles.	
254	8805.10.00.00	-Aircraft launching gear and parts thereof; deck-arrestor or similar gear and parts thereof.	
		-Ground flying trainers and parts thereof:	

255	8805.21.00.00	Air combat simulators and parts	
		thereof	
	8805.29	Other:	
256	8805.29.10.00	Ground flying trainers	
257	8805.29.90.00	Other	
	89.01	Cruise ships, excursion boats,	
		ferry boats, cargo ships, barges	
		and similar vessels for the	
		transport of persons or goods.	
	8901.10	-Cruise ships, excursion boats	
	8901.10	and similar vessels principally	
		designed for the transport of	
		persons; ferry-boats of all kinds:	
		persons, ferry sours of an inflact.	
050	8901.10.10.00	Of among towns are not avecading	
230	8901.10.10.00	Of gross tonnage not exceeding 26	
250	0001 10 00 00		
259	8901.10.20.00	Of gross tonnage exceeding 26	
		but not exceeding 500	
260	8901.10.60.00	Of gross tonnage exceeding 500	
		but not exceeding 1,000	
261	8901.10.70.00	Of gross tonnage exceeding	
		1,000 but not exceeding 4,000	
262	8901.10.80.00	Of gross tonnage exceeding	
		4,000 but not exceeding 5,000	
263	8901.10.90.00	Of gross tonnage exceeding	
		5,000	
	8901.20	-Tankers :	
264	8901.20.50.00	Of gross tonnage not exceeding	For tankers with a gross
201	0301.20.00.00	5,000	tonnage of 3000 DWT
265	8901.20.70.00	Of gross tonnage exceeding	
200	0301.20.70.00	5,000 but not exceeding 50,000	
		o,ooo bat not exceeding co,ooo	
266	8901.20.80.00	Of gross tonnage exceeding	
200	8901.20.80.00	50,000	
	8901.30	· ·	
	8901.30	-Refrigerated vessels, other than those of subheading 8901.20 :	
		those of subheading 8901.20.	
067	8901.30.50.00	Of t 1:	
207	8901.30.30.00	Of gross tonnage not exceeding 5,000	
260	0001.00.70.00	,	
268	8901.30.70.00	Of gross tonnage exceeding	
		5,000 but not exceeding 50,000	
255	2001 20 00 00	05 4 **	
269	8901.30.80.00	Of gross tonnage exceeding	
	0001.00	50,000	
	8901.90	-Other vessels for the transport of	
		goods and other vessels for the	
		transport of both persons and	
		goods:	
		Not motorised :	
270	8901.90.11.00	Of gross tonnage not exceeding	
		26	
271	8901.90.12.00	Of gross tonnage exceeding 26	
		but not exceeding 500	
272	8901.90.14.00	Of gross tonnage exceeding 5,00	
		Not motorised :	
273	8901.90.31.00	Of gross tonnage not exceeding	
		26	
274	8901.90.32.00	Of gross tonnage exceeding 26	
		but not exceeding 500	
	0001 00 22 00	Of gross tonnage exceeding 500	
275	18901.90.33.00		
275	8901.90.33.00	but not exceeding 1,000	

276	8901.90.34.00	Of gross tonnage exceeding 1,000 but not exceeding 4,000	
277	8901.90.35.00	Of gross tonnage exceeding 4,000 but not exceeding 5,000	
278	8901.90.36.00	Of gross tonnage exceeding 5,000 but not exceeding 50,000	
279	8901.90.37.00	Of gross tonnage exceeding 50,000	
	89.02	Fishing vessels; factory ships and other vessels for processing or preserving fishery products.	
280	8902.00.21.00	-Fishing vessels:Of gross tonnage not exceeding	
281	8902.00.22.00	26Of gross tonnage exceeding 26 but not exceeding 40	
282	8902.00.23.00	Of gross tonnage exceeding 40 or more but not exceeding 250	
283	8902.00.24.00	Of gross tonnage exceeding 250 but not exceeding 1,000	
284	8902.00.25.00	Of gross tonnage exceeding 1,000 but not exceeding 4,000	
285	8902.00.26.00	Of gross tonnage exceeding 4,000	
		-Other:	
	8902.00.91.00	Of gross tonnage not exceeding 26	
287	8902.00.92.00	Of gross tonnage exceeding 26 but not exceeding 40	
	89.03	Yachts and other vessels for pleasure or sports; rowing boats and canoes.	
288	8903.10.00.00	-Inflatable	
		-Other:	
289	8903.91.00.00	Sailboats, with or without auxiliary motor	
	8903.92.00.00	Motorboats, other than outboard motor	
291	8903.99.00.00	Other	
292	89.04 8904.00.10.00	Tugs and pusher craft. -Of gross tonnage not exceeding 26	
		-Of gross tonnage not exceeding 26:	
	8904.00.31.00	- With a power not exceeding 4,000 hp	
294	8904.00.39.00 89.05	Light - vessels, fire - floats, dredgers, floating cranes, and other vessels the navigability of which is subsidiary to their main function; floating docks; floating or submersible drilling or production platforms.	
295	8905.10.00.00	-Dredgers	

296	8905.20.00.00	- Drilling or production platforms	
		floating or under water	
	8905.90	-Other	
297	8905.90.10.00	Floating docks	
298	8905.90.90.00	Other	
	89.06	Other vessels, including	
		warships and lifeboats other than	
		rowing boats.	
299	8906.10.00.00	-Warships	
	8906.90	-Other:	
300	8906.90.10.00	Of a displacement not exceeding	
000	0300.30.10.00	30 t	
301	8906.90.90.00	Other	
301	89.07	Other floating structures	
	89.07	(for example, rafts, tanks,	
		coffer-dams, landing-stages,	
		buoys and beacons).	
200	0007.10.00.00	· ·	
302	8907.10.00.00	-Inflatable rafts	
	8907.90	-Other:	
	8907.90.10.00	Buoys	
304	8907.90.90.00	Other	
	90.22	Apparatus based on the use of	
		X-rays or of alpha, beta or	
		gamma radiations, whether or	
		not for medical, surgical,	
1		dental or veterinary uses,	
		including radiography or	
		including radiography or radiotherapy apparatus, X-ray	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray	
		including radiography or radiotherapy apparatus, X-ray	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens,	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens,	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like.	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:	
305	9022.12.00.00	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy	Only for X-ray CT Scan
305	9022.12.00.00	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:	Only for X-ray CT Scan plane
305	9022.12.00.00	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:Computed tomography	
		including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:Computed tomography apparatus	
	9022.19	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:Computed tomography apparatusFor other uses:	
	9022.19	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:Computed tomography apparatusFor other uses:	plane
	9022.19	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:Computed tomography apparatusFor other uses:	plane Only for aircraft mounted X-
	9022.19	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:Computed tomography apparatusFor other uses:	plane Only for aircraft mounted X-ray equipment (radiographs),
	9022.19	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:Computed tomography apparatusFor other uses:	only for aircraft mounted X-ray equipment (radiographs), fluoroscopy, C-Arm/U-Arm,
	9022.19	including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generator, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like. -Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus:Computed tomography apparatusFor other uses:	plane Only for aircraft mounted X-ray equipment (radiographs),

MINISTER OF TRADE OF THE REPUBLIC OF INDONESIA

Sgd.

GITA IRAWAN WIRJAWAN