#### Class 11

Apparatus and installations for lighting, heating, cooling, steam generating, cooking, drying, ventilating, water supply and sanitary purposes.

#### **Explanatory Note**

Class 11 includes mainly environmental control apparatus and installations, in particular, for the purposes of lighting, cooking, cooling and sanitizing.

This Class includes, in particular:

- air-conditioning apparatus and installations;
- ovens, other than for laboratory use, for example, dental ovens, microwave ovens, bakers' ovens;
- stoves being heating apparatus;
- solar thermal collectors;
- chimney flues, chimney blowers, hearths, domestic fireplaces;
- sterilizers, incinerators;
- lighting apparatus and installations, for example, luminous tubes for lighting, searchlights, luminous house numbers, vehicle reflectors, lights for vehicles;
- lamps, for example, electric lamps, gas lamps, laboratory lamps, oil lamps, street lamps, safety lamps;
- tanning beds;
- bath installations, bath fittings, bath plumbing fixtures;
- toilets, urinals;
- fountains, chocolate fountains;
- electrically heated pads, cushions and blankets, not for medical purposes;
- hot water bottles;
- electrically heated clothing;
- electric appliances for making yogurt, bread-making machines, coffee machines, ice-cream making machines;
- ice machines and apparatus.

This Class does not include, in particular:

- steam producing apparatus being parts of machines (Cl. 7);
- air condensers (Cl. 7);
- current generators, generators of electricity (Cl. 7);
- soldering lamps (Cl. 7), optical lamps, darkroom lamps (Cl. 9), lamps for medical purposes (Cl. 10);
- ovens for laboratory use (Cl. 9);
- photovoltaic cells (Cl. 9);
- signalling lights (Cl. 9);
- electrically heated pads, cushions and blankets, for medical purposes (Cl. 10);
- portable baby baths (Cl. 21);
- non-electric portable coolers (Cl. 21);
- cooking utensils that do not have an integrated heat source, for example, non-electric griddles and grills, non-electric waffle irons, non-electric pressure cookers (Cl. 21);
- footmuffs, not electrically heated (Cl. 25).

Basic No.	Indication
110003	acetylene burners
110005	acetylene flares

110004	acetylene generators
110388	adsorption apparatus for generating gas
110079	air conditioners for vehicles
110010	air cooling apparatus
110009	air deodorizing apparatus / air deodorising apparatus
110013	air dryers / air driers
110015	air filtering installations
110356	air fryers
110207	air purifying apparatus and machines
110012	air reheaters
110245	air sterilizers / air sterilisers
110205	air valves for steam heating installations
110099	air-conditioning apparatus
110014	air-conditioning installations
110247	alcohol burners
110249	anti-glare devices for vehicles [lamp fittings] / anti-dazzle devices for vehicles [lamp fittings]
110055	anti-splash tap nozzles
110392	apparatus for fertilizer irrigation
110307	aquarium filtration apparatus
110308	aquarium heaters
110309	aquarium lights
110023	arc lamps
110231	ash conveyor installations, automatic
110254	autoclaves, electric, for cooking / pressure cookers, electric
110053	bakers' ovens
110265	barbecues
110037	bath fittings
110039	bath installations / bath plumbing fixtures
110033	bath tubs
110035	bath tubs for sitz baths
110304	bed warmers

110396	beer brewing machines, electric, for household purposes
110119	beverage cooling apparatus
110375	beverage urns, electric
110045	bicycle lights
110046	bidets
110397	bioreactors for use in the treatment of waste
110390	bioreactors for use in the treatment of wastewater
110305	blankets, electric, not for medical purposes
110078	boiler pipes [tubes] for heating installations
110047	boilers, other than parts of machines
110339	book sterilization apparatus / book sterilisation apparatus
110251	brackets for gas burners
110329	bread baking machines
110171	bread toasters / toasters
110332	bread-making machines
110060	burners
110044	burners for lamps
110355	candle lanterns
110072	carbon for arc lamps
110310	electrically heated carpets
110136	ceiling lights
110083	central heating radiators
110133	chandeliers
110094	chimney blowers
110093	chimney flues
110185	Chinese lanterns
110341	chocolate fountains, electric
110292	chromatography apparatus for industrial purposes
110325	clean chambers [sanitary installations]
110351	electrically heated clothing
110374	coffee capsules, empty, for electric coffee machines

110262	coffee machines, electric
110261	coffee percolators, electric
110066	coffee roasters
110383	coffee machines incorporating water purifiers
110224	coils [parts of distilling, heating or cooling installations]
110109	cooking apparatus and installations
110210	cooking rings
110108	cooking stoves / cookers
110107	cooking utensils, electric
110387	cooking pots, electric / electric cooking pots
110354	electric <b>cooktops</b>
110168	cool boxes, electric / coolers, electric
110032	coolers for furnaces / cooling vats for furnaces
110214	cooling appliances and installations
110209	cooling installations and machines
110188	cooling installations for liquids
110227	cooling installations for tobacco
110125	cooling installations for water
110366	couscous cookers, electric
110360	curing lamps, not for medical purposes
110158	curling lamps
110215	dampers [heating]
110266	deep fryers, electric
110112	defrosters for vehicles
110376	dehumidifiers
110321	apparatus for dehydrating food waste
110311	dental ovens
110275	deodorizing apparatus, not for personal use / deodorising apparatus, not for personal use
110116	desalination plants
110117	desiccating apparatus
110358	directional lights for bicycles

110111	discharge tubes, electric, for lighting
110115	disinfectant apparatus
110342	disinfectant apparatus for medical purposes
110377	disinfectant apparatus for dispensing solutions into water-pipes for sanitary installations
110120	distillation apparatus*
110101	distillation columns
110322	diving lights
110323	drip irrigation emitters [irrigation fittings]
110097	drying apparatus
110222	drying apparatus and installations
110141	drying apparatus for fodder and forage / forage drying apparatus
110386	electric vessels for making ices and ice cream
110393	electrically heated mugs
110142	evaporators
110313	expansion tanks for central heating installations
110314	extractor hoods for kitchens
110331	fabric steamers
110344	fairy lights for festive decoration / string lights for festive decoration
110315	electric fans for personal use
110065	fans [air-conditioning]
110225	fans [parts of air-conditioning installations]
110273	feeding apparatus for heating boilers
110391	fermentation apparatus for industrial purposes
110145	filaments for electric lamps
110011	filters for air conditioning
110147	filters for drinking water
110380	filters for water filtering apparatus / membranes for water filtering apparatus
110267	fireplaces, domestic
110151	<b>fittings</b> , shaped, for furnaces / <b>fittings</b> , shaped, for ovens / shaped <b>fittings</b> for furnaces / shaped <b>fittings</b> for ovens
110148	flaming torches

110059	flare stacks for use in the oil industry
110264	flues for heating boilers
110075	flushing tanks
110370	fog machines
110363	food dehydrators, electric
110337	food steamers, electric
110088	footmuffs, electrically heated
110087	footwarmers, electric or non-electric
110149	forges, portable
110126	fountains
110106	freezers
110018	friction lighters for igniting gas
110159	fruit roasters
110278	fumigation apparatus, not for medical purposes
110154	furnace ash boxes / ash pits for furnaces
110152	furnace grates
110150	furnaces, other than for laboratory use / ovens, other than for laboratory use
110162	gas boilers
110161	gas burners
110294	gas condensers, other than parts of machines
110163	gas lamps
110019	gas lighters
110160	gas scrubbers [parts of gas installations] / scrubbers [parts of gas installations]
110138	gas scrubbing apparatus
110061	germicidal burners
110166	germicidal lamps for purifying air
110100	glue-heating appliances
110095	hair dryers / hair driers
110223	hand drying apparatus for washrooms
110346	head torches / portable headlamps
110031	headlights for automobiles

110153	hearths
110002	heat accumulators
110129	heat exchangers, other than parts of machines
110340	heat guns
110268	heat pumps
110069	heat regenerators
110398	heat-stabilized polypropylene pipes for heating installations
110335	heated display cabinets
110038	heaters for baths
110086	heaters for heating irons
110081	heaters for vehicles
110257	heaters, electric, for feeding bottles
110350	heating and cooling apparatus for dispensing hot and cold beverages
110067	heating apparatus
110250	heating apparatus for defrosting vehicle windows
110080	heating apparatus for solid, liquid or gaseous fuels
110082	heating apparatus, electric
110077	heating boilers
110296	heating cushions, electric, not for medical purposes / heating pads, electric, not for medical purposes
110085	heating elements
110293	heating filaments, electric
110073	heating installations
110076	heating installations [water] / hot water heating installations
110201	heating plates
110016	hot air apparatus
110017	hot air bath fittings
110008	hot air ovens
110170	hot plates
110302	hot water bottles
110196	luminous house numbers
110372	humidifiers

110084	humidifiers for central heating radiators
110049	hydrants
110334	hydromassage bath apparatus
110361	hydroponic growing systems
110167	ice machines and apparatus
110357	ice-cream making machines
110090	immersion heaters
110043	incandescent burners
110173	incinerators
110174	ionization apparatus for the treatment of air or water
110303	kettles, electric
110279	kiln furniture [supports]
110048	kilns
110204	kitchen ranges [ovens]
110382	kitchen sinks incorporating integrated worktops
110058	laboratory burners
110176	laboratory lamps
110092	lamp chimneys
110091	lamp glasses
110169	lamp globes / globes for lamps
110042	lamp mantles / lamp casings
110183	lamp reflectors
110024	electric lamps
110040	lamps
110238	lampshade holders
110237	lampshades
110041	lanterns for lighting
110316	laundry dryers, electric / laundry driers, electric
110063	laundry room boilers / washing coppers
110326	lava rocks for use in barbecue grills
110194	level controlling valves in tanks

110021	light bulbs
110071	light bulbs for directional signals for vehicles
110022	light bulbs, electric
110118	light diffusers
110369	light projectors
110333	light-emitting diodes [LED] lighting apparatus
110130	lighting apparatus and installations
110229	lighting apparatus for vehicles
110007	lighting installations for air vehicles
110256	lights for automobiles / automobile lights
110027	lights for vehicles
110195	lights, electric, for Christmas trees / electric lights for Christmas trees
110384	lightsticks, battery-operated
110074	loading apparatus for furnaces
110190	magnesium filaments for lighting
110191	malt roasters
110389	membrane apparatus for generating gas
110379	membrane filtration units for water treatment apparatus
110378	membranes for reverse osmosis units
110349	microbubble generators for baths
110317	microwave ovens [cooking apparatus]
110328	microwave ovens for industrial purposes
110177	milk cooling installations
110192	miners' lamps
110239	mixer taps for water pipes / mixer faucets for water pipes
110110	motorcycle lights
110336	multicookers
110347	nail lamps
110253	nuclear reactors
110199	oil burners
110179	oil lamps

110077	ail corubbing apparatus
110277	oil-scrubbing apparatus
110175	ornamental fountains
110070	oven fittings made of fireclay
110197	oxyhydrogen burners
110178	pasteurisers
110103	pipes [parts of sanitary installations] / water-pipes for sanitary installations
110089	plate warmers
110280	pocket warmers
110203	polymerisation installations
110352	pounded rice cake making machines, electric, for household purposes
110127	pressure water tanks
110193	installations for processing nuclear fuel and nuclear moderating material
110135	purification installations for sewage
110050	radiator caps
110198	radiators [heating]
110137	radiators, electric
110208	refining towers for distillation
110155	refrigerating apparatus and machines
110213	refrigerating appliances and installations
110026	refrigerating cabinets
110156	refrigerating chambers / walk-in refrigerators
110157	refrigerating containers
110330	refrigerating display cabinets
110274	refrigerators
110359	refrigerators, cooling apparatus and freezers for medical storage purposes
110216	regulating accessories for water or gas apparatus and pipes
110259	regulating and safety accessories for gas apparatus
110240	regulating and safety accessories for gas pipes
110241	regulating and safety accessories for water apparatus
110381	reverse osmosis membrane filters for water treatment
110385	reverse osmosis units

110230	roasters
110172	roasting apparatus / griddles [cooking appliances] / grills [cooking appliances]
110056	roasting jacks
110057	roasting spits
110220	rotisseries
110394	running lights for vehicles
110217	safety accessories for water or gas apparatus and pipes
110182	safety lamps
110221	sanitary apparatus and installations
110297	sauna bath installations
110202	searchlights
110298	shower cubicles / shower enclosures
110121	showers
110299	sinks
110395	snow-making machines / snow cannons
110122	sockets for electric lights
110345	socks, electrically heated
110270	solar furnaces
110269	solar thermal collectors [heating]
110348	sous-vide cookers, electric
110373	soya milk making machines, electric
110291	spa baths [vessels]
110367	standard lamps / floor lamps
110242	steam accumulators
110165	steam boilers, other than parts of machines
110300	steam facial apparatus [saunas]
110232	steam generating installations
110226	sterilizers / sterilisers
110246	stills*
110143	stoves [heating apparatus]
110263	street lamps

110025	structural framework for ovens
110318	swimming pool chlorinating apparatus
110368	tajines, electric / tagines, electric
110271	tanning beds
110068	taps for pipes and pipelines / cocks for pipes and pipelines / faucets for pipes and pipelines / spigots for pipes and pipelines
110218	taps* / faucets*
110362	thermo-pots, electric
110319	thermostatic valves [parts of heating installations]
110228	tobacco roasters
110235	toilet bowls
110236	toilet seats
110105	toilets [water-closets] / water closets
110064	toilets, portable
110051	electric torches / electric flashlights
110338	tortilla presses, electric
110189	luminous tubes for lighting
110036	Turkish bath cabinets, portable
110180	ultraviolet ray lamps, not for medical purposes
110371	underfloor heating apparatus and installations
110301	urinals being sanitary fixtures
110365	USB-powered cup heaters
110364	USB-powered hand warmers
110200	vehicle headlights
110212	vehicle reflectors
110233	ventilation [air-conditioning] installations and apparatus
110234	ventilation [air-conditioning] installations for vehicles
110006	ventilation hoods
110244	ventilation hoods for laboratories
110258	waffle irons, electric
110306	warming pans

110186	wash-hand basins [parts of sanitary installations] / wash-hand bowls [parts of sanitary installations]
110219	washers for water taps / washers for water faucets
110104	water conduits installations
110096	water distribution installations
110124	water filtering apparatus
110272	water flushing installations / flushing apparatus
110052	water heaters
110276	water intake apparatus
110123	water purification installations
110206	water purifying apparatus and machines
110243	water softening apparatus and installations
110128	water sterilizers / water sterilisers
110252	water supply installations
110001	watering installations, automatic
110327	watering machines for agricultural purposes
110320	whirlpool-jet apparatus
110353	wicks adapted for oil stoves
110343	wine cellars, electric
110312	electric appliances for making yogurt / electric appliances for making yoghurt