

HS6 (2012)	HS6 Code Description	Ex-Out / Additional Product Specification	Environmental Benefits & Additional Information	APEC List Product ?	Environmental Product Category
320890	Other Paints, Varnishes, Ethylene Polymer or Natural Polymer Solutio	Anti-fouling for hull protection	Contributes towards hull protection. Biocide free underwater hull protection. The coating helps reduce costs related to underwater cleaning and cuts the risk of transferring of invasive species to highly regulated areas. Maintaince simplicity and docking efficiency. Reduces risk of mechanical damage.	No	EE
391732	Tubes, pipes and hoses, and fittings therefor (for example, joints, elbows, flanges), of plastics. --- Of condensation, polycondensation and polyaddition products. ---Of addition polymerisation products	Parts of fish passage system in hydro power plants	This system ensures clearly improved passage for fish in hydro power plants.	No	CRE
391733	Tubes, pipes and hoses, and fittings therefor (for example, joints, elbows, flanges), of plastics.-- Other, not reinforced or otherwise combined with other materials, with fittings	Parts of fish passage system in hydro power plants	This system ensures clearly improved passage for fish in hydro power plants.	No	CRE

391740	Tubes, pipes and hoses, and fittings therefor (for example, joints, elbows, flanges), of plastics. -Fittings	Parts of fish passage system in hydro power plants	This system ensures clearly improved passage for fish in hydro power plants.	No	CRE
391740	Tubes, pipes and hoses, and fittings therefor (for example, joints, elbows, flanges), of plastics. Fittings		The couplings secures tight water distribution pipes and thereof reduce the leakage ration in the water supply system. As a consequence the energy consumption connected to cleaning of water / water production and the pumping of water will be reduced. The couplings are made out of corrosion resistant material, that secures the energy saving water supply over a minimum lifetime of 50 years	No	WMWT
392010	Other plates, sheets, film, foil and strip, of plastics, non-cellular and not reinforced, laminated, supported or similarly combined with other materials: of polymers of ethylene;		Safer and cleaner surface and groundwater sources. Reduced runoffs and contamination from dangerous chemicals and heavy metals. Increased soil protection and reduced erosion. Trap methane that can be converted to energy and prevent leakage of contaminated water.	No	WWMT
392020	Other plates, sheets, film, foil and strip, of plastics, non-cellular and not reinforced, laminated, supported or similarly combined with other materials: of polymers of propylene;		Liners prevent leachate (seeping of waste and chemicals into groundwater), provide soil protection and anti-erosion. Prevent contaminated water runoff. (Also relevant in waste management)	No	WWMT

392112	Other plates, sheets, film, foil and strip, of plastics: of polymers of vinyl chloride;		Liners prevent leachate (seeping of waste and chemicals into groundwater), provide soil protection and anti-erosion. Prevent contaminated water runoff. (Also relevant in waste management)	No	WWMT
392290	Baths, shower-baths, sinks, wash-basins, bidets, lavatory pans, seats and covers, flushing cisterns and similar sanitary ware, of plastics; Other.		Unit for defecation in which human waste is kept out of soil and water sources and can be transformed into agricultural fertilizer. Relevant also in both Solid and Hazardous Waste Management and Resource Efficiency.	No	WWMT
392510	Reservoirs, tanks, vats and similar containers, of a capacity exceeding 300 l	Water storage tanks of PVC-coated fabric	Prevents light penetration and resulting algae growth, thereby reducing changes of contamination.	No	WWMT
400922	Tubes, pipes and hoses, of vulcanised rubber other than hard rubber, with or without their fittings (for example, joints, elbows, flanges), with fittings		Used in the process of injecting oxygen and air in water to improve the water quality, especially in waters low in oxygen that promotes anaerobic conditions (decomposition of organic material without oxygen).	No	WMWT
440921	Wood (including strips and friezes for parquet flooring, not assembled) continuously shaped (tongued, grooved, rebated, chamfered, V-jointed, beaded, moulded, rounded or the like) along any of its edges, ends of faces, whether or not planed, sanded or end-jointed.--Of bamboo		The use of sustainable natural materials for construction helps to replace use of the resource extensive and polluting traditional materials such as steel and concrete	No	EPP

441210	Plywood, veneered panels and similar laminated wood.- Of bamboo		Bamboo is more sustainable than other woods- it grows quickly and abundantly and can grow in nutrient depleted soil.	No	EPP
442190	Other articles of wood: Other;		Necessary part of 392290.	No	WWMT
460121	Wood (including strips and friezes for parquet flooring, not assembled) continuously shaped (tongued, grooved, rebated, chamfered, V-jointed, beaded, moulded, rounded or the like) along any of its edges, ends of faces, whether or not planed, sanded or end-jointed.--Of bamboo		Bamboo is more sustainable than other woods- it grows quickly and abundantly and can grow in nutrient depleted soil.	No	EPP
460192	Plaits and similar products of paiting materials, whether or not assembled into strips, plaiting materials, plaits and similar products of plaiting materials, bound together in parallel strands or woven, in sheet form, whether or not being finished articles (for example, mats, matting, screens).- Mats, matting and screens of vegetable materials:--Of bamboo		Bamboo is more sustainable than other woods- it grows quickly and abundantly and can grow in nutrient depleted soil.	No	EPP

560290	Felt, whether or not impregnated, coated, covered or laminated: other;	Geosynthetic clay liners	To be used in construction of roads and the like. Reduces use of plastic, reduced costs.	No	WWMT
560314	Nonwovens, whether or not impregnated, coated, covered or laminated: Weighing more than 150 g/m <sup>2</sup>			No	WWMT
591190	Textile products and articles, for technical uses, specified in Note 7 to this Chapter. Filter bags and similar for use in purifying plants		This filter system will typically use only 1/10th the land requirements of conventional primary wastewater treatment systems, making it ideal for those areas where land is expensive or unavailable.	No	WMWT
611420	Other garments, knitted or crocheted -of cotton	Textiles that include more than 50 percent recycled material	Resource efficiency, circular economy and recycling	No	EPP
611430	Other garments, knitted or crocheted - of man-made fibres	Textiles that include more than 50 percent recycled material	Resource efficiency, circular economy and recycling	No	EPP
611490	Other garments, knitted or crocheted - of other textile materials	Textiles that include more than 50 percent recycled material	Resource efficiency, circular economy and recycling	No	EPP

680610	<p>Slag wool, rock wool and similar mineral wools, exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials; mixtures and articles of heat-insulating or sound-absorbing mineral materials, other than those of heading 68.11 of Chapter 69.</p> <p>-</p> <p>Slag wool, rock wool and similar mineral wools (including intermixtures thereof), in bulk, sheets or rolls</p>		<p>Insulation material for wall constructions, including new constructions and renovation. Timesaving solutions and environmentally friendly.</p>	No	CRE
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680620	<p>Slag wool, rock wool and similar mineral wools, exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials; mixtures and articles of heat-insulating or sound-absorbent mineral materials, other than those of heading 68.11 or of Chapter 69. -Exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials (including intermixtures thereof)</p>		<p>Benefits 30-40% less footprint, lower energy consumption, less use of chemical. More water to people to lower cost per m<sup>3</sup>.</p> <p>This product has excellent properties for use in pre-treatment filters in desalination plants, both in filters for filtration of coagulated water and in biological processes. Use of Filtralite will provide low SDI values, reduced danger for bio-fouling of the RO membranes and long filter runs between backwashes.</p>	No	WMWT
680800	<p>Panels, boards, tiles, blocks and similar articles of vegetable fibre, of straw or of shavings, chips, particles, sawdust and other waste of wood, agglomerated with cement, plaster or other mineral binders, used for soundproofing and thermal insulation.</p>	<p>Panels, boards, tiles, blocks and similar articles of vegetable fiber</p>	<p>The use of sustainable natural materials for construction helps to replace use of the resource extensive and polluting traditional materials such as steel and concrete</p>	No	EPP

681599	Articles of stone or of other mineral substances (including carbon fibres, articles of carbon fibres and articles of peat), not elsewhere specified or included: other (including intermixtures thereof)		Stone or other mineral substances used for landfinn drainage and leachate protection, made of composite clay and geosynthetic liners.	No	WWMT
691010	Ceramic sinks, wash basins, wash basin pedestals, baths, bidets, water closet pans, flushing cisterns, urinals and similar sanitary fixtures.		Unit for defecation in which human waste is kept out of soil and water sources and can be transformed into agricultural fertilizer.	No	WWMT
730900	Reservoirs, tanks, vats and similar containers for any material (other than compressed or liquefied gas), of iron or steel, of a capacity exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment;	Containers for waste management and sanitation purposes	Can contain wastewater, sewage or hazardous waste. Important in developing safe drinking water systems and human waste management systems. Also reduces diseases spread through open defecation. Can contain hazardous waste in order to prevent contamination.	No	WWMT



731010	Tanks, casks, drums, cans, boxes and similar containers, for any material (other than compressed or liquefied gas), of iron or steel, of a capacity not exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment: Of a capacity of 50 litres or more.	Pumphouse for fish accelerator	This system ensures clearly improved passage for fish in hydro power plants.	No	CRE
731010	Tanks, casks, drums, cans, boxes and similar containers, for any material (other than compressed or liquefied gas), of iron or steel, of a capacity not exceeding 300 l, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment: Greater than 50l;		Waste containers for wastewater, sewage, and hazardous waste; Storage containers for safe drinking water; Solar preheating tank.	No	WWMT
731021	Tanks, casks, drums, cans, boxes and similar containers, of a capacity not exceeding 300 l: To be closed by soldering or crimping		waste containers for wastewater, sewage, and hazardous waste; Storage containers for safe drinking water; Solar preheating tank.	No	WWMT

731029	Tanks, casks, drums, cans, boxes and similar containers, of a capacity not exceeding 300 l: Other		Waste containers for wastewater, sewage, and hazardous waste; Storage containers for safe drinking water; Solar preheating tank.	No	WWMT
732119	Other cooking appliances and plate warmers of iron or steel	Solar powered stoves, ranges, cookers.	Renewable energy source, no expenses for fuel or energy, Suitable off grid usage, reduction in deforestation for firewood. Removal of indoor air pollution. Device that uses the energy of the sun to heat or to cook food-sunlight converted to heat energy (Also relevant for EPP, APC, Resource Efficiency).	No	CRE
732190	Parts of HS 732119			No	CRE
732429	Sanitary ware and parts thereof, of iron or steel: other, including parts		Unit for defecation in which human waste is kept out of soil and water sources and can be transformed into agricultural fertilizer.	No	WWMT
732690	Other articles of iron or steel. Forged or stamped, but not further worked- Other	Cyclone and slides for fish transport system in hydro power plants	Used in the system for fish transport in hydro power plants.	No	CRE

741220	Copper tubes or pipe fittings (for example, couplings, elbows, sleeves). Of copper alloys.		The couplings secures tight water distribution pipes and thereof reduce the leakage ration in the water supply system. As a consequence the energy consumption connected to cleaning of water / water production and the pumping of water will be reduced. The couplings are made out of corrosion resistant material, that secures the energy saving water supply over a minimum lifetime of 50 years	No	WMWT
761290	Aluminium casks, drums, cans, boxes and similars containers (including rigid or collapsible tubular containers), for any material (other than compressed or liquified gas), of a capacity not exceeding 300 l, wheter og not lined or heatinsulated, but not fitted with mechanical or thermal equipment, --Other		Used in the prosess of injecting oxygen and air in water to improve the water quality, especially in waters low in oxygen that promotes anaerobic conditions (decomposition of organic material without oxygen).	No	WMWT
761520	Sanitary ware and parts thereof, of aluminum		Unit for defecation in which human waste is kept out of soil and water sources and can be transformed into agricultural fertilizer.	No	WWMT
841011	Hydraulic turbines and water wheels: Of a power not exceeding 1,000 kW.		Turbines are essential for the production of electricity from flowing water. Can be used in a number of setting to produce ranges of emission-less power. Cost-effective and relevant technology for electricity generation.	No	CRE

841012	Hydraulic turbines and water wheels: Of a power exceeding 1,000 kW but not exceeding 10,000 kW.		Turbines are essential for the production of electricity from flowing water. Can be used in a number of setting to produce ranges of emission-less power. Cost-effective and relevant technology for electricity generation.	No	CRE
841013	Hydraulic turbines and water wheels: Of a power exceeding 10,000 kW.		Turbines are essential for the production of electricity from flowing water. Can be used in a number of setting to produce ranges of emission-less power. Cost-effective and relevant technology for electricity generation.	No	CRE
841090	Hydraulic turbines, water wheels, and regulators therefor: Parts, including regulators.		Turbines are essential for the production of electricity from flowing water. Can be used in a number of setting to produce ranges of emission-less power. Cost-effective and relevant technology for electricity generation.	No	CRE
841320	Pumps for liquids, whether or not fitted with a measuring device; liquid elevators: Hand pumps, other than those of subheading 8413.11 or 8413.19.	Hand and foot pumps	Can be used to irrigate farms, removing dependence on external diesel pump services etc. Manual efforts lead to reduced CO2-emissions. Can also be important in the collection and disposal of human waste.	No	WWMT
841381	Pumps for liquids, whether or not fitted with a measuring device; liquid elevators: Other pumps; liquid elevators: Pumps.	Pump powered by renewable energy	Replaces the emissions and pollution of traditional diesel or other fossil fuel powered pump	No	WMWT, CRE, EPP

841861	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15. - -Other		Heat pumps offer an energy efficient way to provide space heating and preparation of sanitary hot water.	No	EE
841899	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15. - -Other		Heat pumps offer an energy efficient way to provide space heating and preparation of sanitary hot water.	No	EE
842121	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases. - Filtering or purifying machinery and apparatus for liquids : -- For filtering or purifying water		Eco efficient technology for waste treatment, <50% of the cost of sedimentation/clarification, reduces footprint, sludge dewatering reduces disposal costs. Enables waste to energy conversion. Reduces environmental footprints.	Yes	WMWT

842121	<p>Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases.</p> <p>- Filtering or purifying machinery and apparatus for liquids : -- For filtering or purifying water</p>	In-line or in-tank ballastwater treatment systems	<p>Ballast water treatment systems on board ships are used to avoid the spread of invasive species when vessels are emptying or cleaning their ballast water tanks. Can be installed on board a ship e.g. by integrating the system into the existing ballast water system. Several ballast water treatment systems exist. The systems typically rely on filtration and UV treatment-methods plus a ballasting and de-ballasting process. Ballast Water Treatment Systems includes several components such as filters, reactors, lamps, flow meters, valves and control systems.</p>	Yes	WMWT
842199	Other (Parts of 842121)	Biofilm carrier element used in biological treatment processes for both water- and wastewater treatment plants.	<p>Biological treatment of waste water. Reduce energy consumption, investment cost, footprint. Better control of the biology, increase the capacity of membranes, reduce effluence to the environment</p>	Yes	WWMT
848180	<p>Taps, cocks, valves and similar appliances, for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves; parts thereof. Other appliances</p>	Drinking water, taps, valves and distribution kits.	<p>Improved delivery of drinking water, reduced spilling and waste. Through closing or water-saving mechanisms, water use is significantly reduced.</p>	No	WMWT

848610	Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in Note 9 (C) to this Chapter; parts and accessories.	Machines producing wafers for the solar industry.	Necessary to produce wafers in order to produce electricity in an environmentally benign manner.	No	CRE
850131	Electric motors and generators (excluding generating sets). --Of an output not exceeding 750 W	Solar Panels, as part of a complete system , ia. as a generator for production.	Solar photovoltaic cells generate electricity in a benign environmentally manner. (ia.	No	CRE
850422	Having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA : Liquid dielectric transformers : Electrical transformers, static converters (for example, rectifiers) and inductors		Important component of all power plants using renewable energy.	No	CRE
850433	Electrical transformers, static converters (for example, rectifiers) and inductors. Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA	Modern Transformers	Superconductors are materials that conduct electricity with 100 percent efficiency, losing nothing to resistance at temperatures above the boiling point of liquid nitrogen. Extraordinary superconducting and magnetic properties for wide-ranging technological applications including power transmission.	No	CRE

851310	Portable electric lamps designed to function by their own source of energy (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading 85.12.	Renewably powered lamps and lighting fittings.	Renewable energy source, no expenses for fuel or energy. Suitable for off grid usage. Used to provide lighting, often in off-grid settings. Solar cell, lamp (often efficient LED lamps), batteries (often long-lasting or rechargeable).	No	CRE
854190	Diodes, transistor and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light emitting diodes; mounted piezo-electric crystals. -Parts	Part to solar cells	Solar photovoltaic cells generate electricity in a benign environmentally manner.	No	CRE
890110	Cruise ships, excursion boats, ferry-boats, cargo ships, barges and similar vessels for the transport of persons or goods. Cruise ships, excursion boats and similar vessels principally designed for the transport of persons; ferry-boats of all kinds	Battery powered vessels	Energy efficient. No emissions to air. Cleaner and renewable energy (CRE). Also favourable for local air conditions.	No	CRE



900190	Optical fibres and optical fibre bundles; optical fibre cables other than those of heading 85.44; 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. Other.	Fresnel mirrors. Solar mirrors and reflectors. Used in solar collectors that concentrate light by refraction.	Renewable energy source, no expenses for fuel or energy, electricity produced without emissions. Much lower cost than flat panel mirrors.	No	CRE
940510	Lamps and lighting fittings including searchlights and spotlights and parts thereof, not elsewhere specified or included; illuminated signs, illuminated name-plates and the like, having a permanently fixed light source, and parts thereof not elsewhere specified or included. - Chandeliers and other electric ceiling or wall lighting fittings, excluding those of a kind used for lighting public open spaces or thoroughfares.	Renewably powered lamps and lighting fittings.	Gravity powered lamp that uses the kinetic energy of a weight falling to produce live electricity. Used for production of light, often in off-grid settings.	No	CRE

900290	<p>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. -Objective lenses</p> <p>- Objective lenses : <input type="checkbox"/></p>	Fresnel reflector modules.	Used in solar collectors that concentrate light by refraction, may boil water to make steam for direct power generation, or be used on smaller scale for water or space heating applications. Also for water purification.	No	CRE
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