

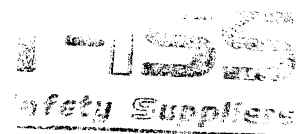
GREEN PASSPORT FORM INFORMATION.

INFORMATION TO MANUFACTURERS WHICH USE T-ISS SOLASGRADE MATERIALS FOR MARINE APPLICATIONS.

In December 2003 came UN shipping organisation (International Maritime Organisation (IMO)) up with guidelines for ship recycling, this guidelines was laid down in Resolution A.962.(23). The schedule for this is that it will be ratified as a convention in 2008/2009. There are two main purposes with this set of rules. The first reason is to make a document which will protect the workers and the environment at the ship recycling facilities, ship recycling is today mainly carried out in developing countries. The second reason with this resolution is to give crew and passengers a safer and better environment, under this point will of course also the global environment be covered. The "Green Passport Certificate" will follow the vessel from "the slipway to the tomb". With other words is the idea that the vessel will be designed and constructed as "green" as possible. In the other end shall the ship recycling facilities be aware of what kind of dangerous materials, where it is located and what quantity they will find onboard, when they start the dismantling of the ship.

**Any Further Information required can be obtained from
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Saving You

Code	Description	Example	Quantity	Sorting
A1	Metal and metal-bearing wastes			
A1010	Metal wastes and waste consisting of alloys of the following:			
	Antimony *	Semiconductors, flame-proofing compounds, Alloys with lead in lead-acid storage batteries.	0,00	A1010Sb51
	Arsenic *	See A1030 Arsenic compounds	0,00	A1010As33
	Beryllium *	Hardening agent in alloys, communication and navigational systems, X-ray	0,00	A1010Be4
	Cadmium *	Bearings and in semiconductors	0,00	A1010Cd48
	Lead	Connectors, high voltage power cables lead acid battery and couplings	0,00	A1010Pb82
	Mercury	Thermometers, bearing pressure sensors	0,00	A1010Hg50
	Selenium	Rectifiers, Used to improve the abrasion resistance in vulcanized rubbers, Light meters	0,00	A1010Se34
	Tellurium *	Alloys, Semiconductors	0,00	A1010Te84
	Thallium	Semiconductors materials for selenium rectifiers, Thermometers for low temperature	0,00	A1010Tl81
But excluding such wastes specifically listed on attachment B				
A1020	Waste having as constituents or contaminants, excluding metal waste in massive form, any of the following:			
	Antimony compounds *	Fire retardation in plastics, textiles, rubber etc.	0,00	A1020Sb51C
	Beryllium compounds	Heat conductors,	0,00	A1020Be4C
	Cadmium compounds	Batteries, anodes, bolt and nuts, PVC stabilizers	0,00	A1020Cd48C
	Lead compounds	Batteries, paint coatings, cable insulation	0,00	A1020Pb82C
	Selenium compounds	Rectifiers, vulcanized rubbers	0,00	A1020Se34C
	Tellurium compounds	Conductors,	0,00	A1020Te84C
A1030	Arsenic compounds			
	Paint on ship's structure		0,00	A1030As33C
	Mercury compounds	Thermometers, level switches, light fittings	0,00	A1030Hg50C
	Thallium compounds	Superconducting materials used in electric power generation, thermometers for low temperature	0,00	A1030Tl81C
A1040	Waste having as constituents any of the following:			
	Hexavalent chromium compounds	Paints (lead chromate) on the ship's structure	0,00	A1040
A1080	Waste zinc residues not included on list B, containing lead and cadmium in concentrations sufficient to exhibit Annex III characteristics:			
	Anodes	Copper (Cu)	0,00	A1080Cu
	Anodes	Cadmium (Cd)	0,00	A1080Cd
	Anodes	Lead (Pb)	0,00	A1080Pb
	Anodes	Zinc (Zn)	0,00	A1080Zn
A1160	Waste lead-acid batteries, whole or crushed			
	Batteries:	Emergency, radio, fire alarms, start up, lifeboat, ups	0,00	A1160

Note:

- * If the component is present or is most likely bound in an alloy or present at a very low concentration

T-ISS
Safety Supplies

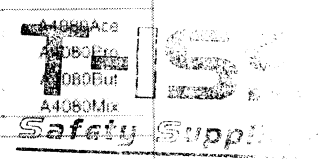
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Code	Description	Example	Quantity	Sorting
A1180	Waste electrical and electronics assemblies or scrap containing components such as accumulators and other batteries included on list A, mercury switches, glass from cathode-ray tubes and other activated glass and PCB-captors, or contaminated with Annex I constituents (e.g., cadmium, mercury, lead, polychlorinated biphenyl) to an extent that they possess any of the characteristics contained in Annex III (note the related entry on list B B1110)	Level switches, light tubes and fitting, (capacitors), electrical cables	0,00	A1180
A2	Waste containing principally inorganic constituents, which may contain metal and organic materials			
A2010	Glass waste from cathode-ray tubes and other activated glasses	Screens	0,00	A2010
A2050	Waste asbestos	Dust and fibres	0,00	A2050av
		Thermal insulation, surfacing material, sound insulation	0,00	A2050st
A3	Waste containing principally organic constituents, which may contain metals and inorganic materials			
A3020	Waste mineral oils unfit for their originally intended use	Hydraulic	0,00	A3020hy
		Oil slumps	0,00	A3020sp
		Cargo residues	0,00	A3020r
A3140	Waste non-halogenated organic solvents but excluding such waste specified on list B	Antifreeze fluids	0,00	A3140
A3180	Wastes, substances and articles containing, consisting of or contaminated with polychlorinated biphenyl (PCB), polychlorinated terphenyl (PCT), polychlorinated naphthalene (PCN) or polybrominated biphenyl (PBB), or any other polybrominated analogues of these compounds, at a concentration level of 50 mg/kg or more	Capacitors in light fittings, PCB in oil residuals, gasket, transformers, paints, flame retardants	0,00	A3180PCB
	PCB	wood preservatives, antifouling	0,00	A3180PCT
	PCT	Capacitor dielectrics, in lubricants, fibre glass adhesives	0,00	A3180PCN
	PCN	El. Cabinets, El. devices, El. motor	0,00	A3180PBB
	PBB			
A4	Waste which may contain either inorganic or organic constituents			
A4030	Wastes from the production, formulation and use of biocides and phytopharmaceuticals, including waste pesticides and herbicides which are off-specification, outdated or unfit for their originally intended use.	Paints and rust stabilizers, lin-based antifouling coating on ship bottoms	0,00	A4030
A4060	Wastes oil/water, hydrocarbons/water mixtures, emulsions	Sludge, chemicals in water, tank residues, bilge water	0,00	A4060
A4070	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish excluding any such waste specified on list B (note the related entry on list B B4010)	Paint and coatings on the ships structure	0,00	A4070
A4080	Wastes of an explosive nature (but excluding such wastes specified on list B)	Compressed Gas	0,00	A4080Ace
		Acetylene	0,00	A4080Pro
		Propane	0,00	A4080But
		Butane	0,00	A4080Mix
		Cargo residues (Cargo tanks)	0,00	
A4130	Waste packages and containers containing Annex I Substances in concentration sufficient to exhibit Annex III hazard characteristics	Cargo residues	0,00	A4130

Footnotes:
 * If a component is also covered by other List A entries (overlapping)
 ** If a container does not include a scrap assembly from electric power generation.
 * If B (at a concentration level of 50 mg/kg or more)



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GREEN PASSPORT FORM

Waste and substances that may be inherent in the ship's structure or on board the ship

ANNEX I CATEGORIES OF WASTES TO BE CONTROLLED

Waste Streams

- Y1 Clinical wastes from medical care in hospitals, medical centers and clinics
- Y2 Wastes from the production and preparation of pharmaceutical products
- Y3 Waste pharmaceuticals, drugs and medicines
- Y4 Wastes from the production, formulation and use of biocides and phytopharmaceuticals
- Y5 Wastes from the manufacture, formulation and use of wood preserving chemicals
- Y6 Wastes from the production, formulation and use of organic solvents
- Y7 Wastes from heat treatment and tempering operations containing cyanides
- Y8 Waste mineral oils unfit for their originally intended use
- Y9 Waste oils/water, hydrocarbons/water mixtures, emulsions
- Y10 Waste substances and articles containing or contaminated with polychlorinated biphenyls (PCBs) and/or polychlorinated terphenyls (PCTs) and/or polybrominated biphenyls (PBBs)
- Y11 Waste tarry residues arising from refining, distillation and any pyrolytic treatment
- Y12 Wastes from production, formulation and use of inks, dyes, pigments, paints, lacquers, varnish
- Y13 Wastes from production, formulation and use of resins, latex, plasticizers, glues/adhesives
- Y14 Waste chemical substances arising from research and development or teaching activities which are not identified and/or are new and whose effects on man and/or the environment are not known
- Y15 Wastes of an explosive nature not subject to other legislation
- Y16 Wastes from production, formulation and use of photographic chemicals and processing materials
- Y17 Wastes resulting from surface treatment of metals and plastics
- Y18 Residues arising from industrial waste disposal operations

Wastes having as constituents:

- Y19 Metal carbonyls
- Y20 Beryllium: beryllium compounds
- Y21 Hexavalent chromium compounds
- Y22 Copper compounds
- Y23 Zinc compounds
- Y24 Arsenic, arsenic compounds

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GREEN PASSPORT FORM

Waste and substances that may be inherent in the ship's structure or on board the ship

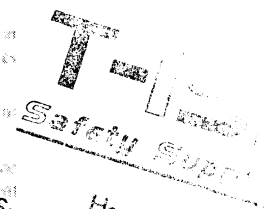
Y25	Selenium, selenium compounds
Y26	Cadmium, cadmium compounds
Y27	Antimony, antimony compounds
Y28	Tellurium, tellurium compounds
Y29	Mercury, mercury compounds
Y30	Thallium, thallium compounds
Y31	Lead, lead compounds
Y32	Barium, baritic compounds excluding calcium fluoride
Y33	Organic cyanides
Y34	Acidic solutions of acids in solid form
Y35	Basic solutions of bases in solid form
Y36	Asbestos dust and fibers
Y37	Inorganic phosphorus compounds
Y38	Organic cyanides
Y39	Organic, phenolic compounds including chlorophenols
Y40	Ethers
Y41	Halogenated organic solvents
Y42	Organic solvents excluding halogenated solvents
Y43	Any congener of polychlorinated dibenzo furan
Y44	Any congener of polychlorinated dibenzo-p-dioxin
Y45	Organohalogen compounds other than substances referred to in this Annex (e.g. Y38, Y41, Y42, Y43, Y44)

(a) To facilitate the application of this Convention, and subject to paragraphs (b), (c) and (d), wastes listed in Annex VIII are characterized as hazardous pursuant to Article 1, paragraph 1 (a), of this Convention, and wastes listed in Annex IX are not covered by Article 1, paragraph 1 (a), of this Convention.

(b) Designation of a waste on Annex VIII does not preclude, in a particular case, the use of Annex III or demonstrate that a waste is not hazardous pursuant to Article 1, paragraph 1 (a), of this Convention.

(c) Designation of a waste on Annex IX does not preclude, in a particular case, characterization of such a waste as hazardous pursuant to Article 1, paragraph 1 (a), of this Convention if it contains Annex I material in a vessel causing it to fulfil the Annex III characteristics.

(d) Annexes VIII and IX do not affect the application of Article 1, paragraph 1 (a), of this Convention for the purpose of characterization of wastes.¹



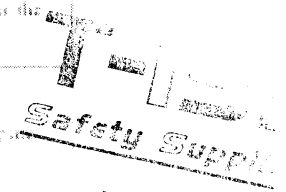
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GREEN PASSPORT FORM
 (Waste and substances that may be inherent in the ship's structure or on board the ship)

ANNEX III LIST OF HAZARDOUS CHARACTERISTICS

UN Class ⁵	Code	Characteristics
1	H1	Explosive An explosive substance or waste is a solid or liquid substance or waste (or mixture of substances or wastes) which is or may become capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings.
3	H3	Flammable liquids The word "flammable" has the same meaning as "inflammable". Flammable liquids are liquids, or mixtures of liquids, or liquids containing solids in solution or suspension (for example paints, varnishes, lacquers, etc., but not including substances or wastes otherwise classified on account of their dangerous characteristics) which give off a flammable vapour at temperatures of not more than 60 °C, closed-cup test, or not more than 65 °C, open-cup test. (Since the results of open-cup tests and of closed-cup tests are not strictly comparable and even individual results by the same test are often variable, regulations varying from the above figures to make allowance for such differences would be within the spirit of this definition.)
4.1	H4.1	Flammable solids Solids, or waste solids, other than those classed as explosives, which under conditions encountered in transport are readily combustible, or may cause or contribute to fire through friction.
4.2	H4.2	Substances or wastes liable to spontaneous combustion Substances or wastes which are liable to spontaneous heating under normal conditions encountered in transport, or to heating up on contact with air, and being then liable to catch fire.
4.3	H4.3	Substances or wastes which, in contact with water emit flammable gases Substances or wastes which, by interaction with water, are liable to become spontaneously flammable or to give off flammable gases in dangerous quantities.
5.1	H5.1	Oxidizing Substances or wastes which, while in themselves not necessarily combustible, may, generally by yielding oxygen cause or contribute to the combustion of other materials.
5.2	H5.2	Organic Peroxides Organic substances or wastes which contain the bivalent oxygen atom, are thermally unstable substances which may undergo exothermic self-accelerating decomposition.
6.1	H6.1	Poisonous (Acute)



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