

# APPENDIX 1 MATERIALS PROHIBITED OR RESTRICTED ON NEW SHIPS OR NEW INSTALLATIONS

## 1 List of materials prohibited or restricted

### 1.1

1.1.1 The lists of materials prohibited or restricted on new ships and/or new installations are defined in:

- Tab 1 for the assignment of notation **GREEN PASSPORT**
- Tab 2 for the assignment of notation **GREEN PASSPORT EU**.

**Table 1 : List of materials prohibited or restricted n new ships and/or new installations (Notation GREEN PASSPORT)**

Hazardous Material	Definitions	Control measures
Asbestos	Materials containing asbestos	For all ships, new installation of materials which contain asbestos are to be prohibited
Ozone-depleting substances	<ul style="list-style-type: none"> <li>• Controlled substances defined in Article 1(4) of the Montreal Protocol on Substances that Deplete the Ozone Layer, 1987, listed in Annexes A,B,C or E to that Protocol in force at the time of application or interpretation of this Appendix.</li> <li>• Ozone-depleting substances that may be found on board ships include, but are not limited to: <ul style="list-style-type: none"> <li>- Halon 1211 Bromochlorodifluoromethane</li> <li>- Halon 1301 Bromotrifluoromethane</li> <li>- Halon 2402 1,2-Dibromo-1,1,2,2-tetrafluoroethane (also known as Halon 114B2)</li> <li>- CFC-11 Trichlorofluoromethane</li> <li>- CFC-12 Dichlorodifluoromethane</li> <li>- CFC-113 1,1,2-Trichloro-1,2,2-trifluoroethane</li> <li>- CFC-114 1,2-Dichloro-1,1,2,2-tetrafluoroethane</li> <li>- CFC-115 Chloropentafluoroethane</li> </ul> </li> </ul>	New installations which contain ozone-depleting substances are to be prohibited on all ships, except that new installations containing hydrochlorofluorocarbons (HCFCs) are permitted until 1st January 2020
Polychlorinated biphenyls (PCB)	Polychlorinated biphenyls' means aromatic compounds formed in such a manner that the hydrogen atoms on the biphenyl molecule (two benzene rings bonded together by a single carbon-carbon bond) may be replaced by up to ten chlorine atoms	For all ships, new installation of materials which contain Polychlorinated biphenyls are to be prohibited
Anti-fouling compounds and systems	Anti-fouling compounds and systems regulated under Annex I to the International Convention on the Control of Harmful Anti-fouling Systems on Ships, 2001 (AFS Convention) in force at the time of application or interpretation of this Annex	<p>a) No ship may apply anti-fouling systems containing organotin compounds as a biocide or any other anti-fouling system whose application or use is prohibited by the AFS Convention</p> <p>b) No new ships or new installations on ships are to apply or employ anti-fouling compounds or systems in a manner inconsistent with the AFS Convention</p>

**Table 2 : List of materials prohibited or restricted n new ships and/or new installations  
(Notation GREEN PASSPORT EU)**

Hazardous Material	Definitions	Control measures
Asbestos	Materials containing asbestos	For all ships, new installation of materials which contain asbestos are to be prohibited.
Ozone-depleting substances	<ul style="list-style-type: none"> <li>• Controlled substances defined in Article 1(4) of the Montreal Protocol on Substances that Deplete the Ozone Layer, 1987, listed in Annexes A,B,C or E to that Protocol in force at the time of application or interpretation of this Appendix.</li> <li>• Ozone-depleting substances that may be found on board ships include, but are not limited to: <ul style="list-style-type: none"> <li>- Halon 1211 Bromochlorodifluoromethane</li> <li>- Halon 1301 Bromotrifluoromethane</li> <li>- Halon 2402 1,2-Dibromo-1,1,2,2-tetrafluoroethane (also known as Halon 114B2)</li> <li>- CFC-11 Trichlorofluoromethane</li> <li>- CFC-12 Dichlorodifluoromethane</li> <li>- CFC-113 1,1,2-Trichloro-1,2,2-trifluoroethane</li> <li>- CFC-114 1,2-Dichloro-1,1,2,2-tetrafluoroethane</li> <li>- CFC-115 Chloropentafluoroethane</li> <li>- HCFC-22 Chlorodifluoromethane</li> </ul> </li> </ul>	New installations which contain ozone-depleting substances are to be prohibited on all ships
Polychlorinated biphenyls (PCB)	'Polychlorinated biphenyls' means aromatic compounds formed in such a manner that the hydrogen atoms on the biphenyl molecule (two benzene rings bonded together by a single carbon-carbon bond) may be replaced by up to ten chlorine atoms	For all ships, new installation of materials which contain Polychlorinated biphenyls are to be prohibited.
Anti-fouling compounds and systems	Anti-fouling compounds and systems regulated under Annex I to the International Convention on the Control of Harmful Anti-fouling Systems on Ships, 2001 (AFS Convention) in force at the time of application or interpretation of this Annex	<p>a) No ship may apply anti-fouling systems containing organotin compounds as a biocide or any other anti-fouling system whose application or use is prohibited by the AFS Convention</p> <p>b) No new ships or new installations on ships are to apply or employ anti-fouling compounds or systems in a manner inconsistent with the AFS Convention</p>
Perfluorooctane sulfonic acid (PFOS)	Perfluorooctane sulfonic acid' (PFOS) means Perfluorooctane sulfonic acid and its derivatives	New installations which contain perfluorooctane sulfonic acid (PFOS) and its derivatives are to be prohibited in accordance with Regulation (EC) No 850/2004 of the European Parliament and of the Council