



Subject: EU regulation on ship recycling for non-EU flagged ship

Inventory Hazardous Materials (IHM)

REGULATION EU 1257/2013

REGULATION EU 1257/2013 is aimed at facilitating early ratification of the Hong Kong Convention both within the Union and in third countries by applying proportionate controls to ships and ship recycling facilities on the basis of that Convention previously informed in ICS technical Information No. TI-19-07 dated 23.11.2019.

Requirements:

Non-EU commercial ships flagged (with more than 500 GT) calling at a port or anchorage of an EU Member State should have an IHM list which indicates type and amount of hazardous materials and their location in a ship. The statement of compliance (SOC) shall be issued after verification of the IHMs by the administration/RO.

The installation or use of hazardous materials referred to Annex I (Asbestos, ODS, PCB, Anti-fouling compounds and systems, PFOS) on ships shall be prohibited or restricted. PFOS is not applicable for non-EU flagged ships.

Ships shall have on board an Inventory of hazardous materials (IHM), which is properly maintained and updated throughout the operational life of the ship. Hazardous materials to be listed in an IHM are specified in Annex II. Brominated Flame Retardant (HBCDD) is newly added to those of the Hong Kong Convention.

Application for non-EU Flagged ships:

For Non-EU commercial ships flagged, this regulation apply to ships with more than 500 GT calling at a port or anchorage of an EU Member State. This shall not apply to warships, naval auxiliary and governmental non-commercial ships.

Compliance Dates:

This regulation will be entry into force for Non-EU ships flagged from 31 December 2020.

Descriptions & requirements for ships:

1. The installation or using of HM referred to in Annex I on ships flying the flag of a third country, whilst in a port or anchorage of a Member State, shall be prohibited or restricted as specified in Annex I.
2. Each ship shall have an Inventory of Hazardous Materials (IHM) that be verified by the Administration or RO. The IHM shall identify as Part I, location and approximate quantities of Hazardous Materials listed in Appendices 1 and 2 the regulation. The IHM shall:
 - Be specific to each ship
 - Provide evidence about complying with prohibition/ restriction on installation/using HM.
 - A plan shall be prepared describing the visual/sampling check by which the IHM is developed.
 - Part I of the IHM shall be properly maintained and updated throughout the operational life of the ship, reflecting new installations containing Hazardous Materials listed in Appendix 2 and relevant changes in ship structure and equipment.
3. Failure to update the inventory of hazardous materials shall not constitute a detainable deficiency.
4. Specified surveys shall be done onboard the vessels:
 - Initial survey (for issuing IHM Certificate).
 - Renewal survey (five yearly).
 - Additional survey at the request of the ship-owner (after any significant change).
5. Statement of Compliance (SoC) issued by administration or RO with 5 years validity. SoC shall be supplemented by Part I of the IHM.

APPENDIX 1: CONTROLS OF HAZARDOUS MATERIALS

Hazardous Material	Definitions	Control measures
Asbestos	Materials containing asbestos	For all ships, new installation of materials which contain asbestos shall be prohibited.
Ozone-depleting substances	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 Annex. Ozone-depleting substances that may be found on board ships include, but are not limited to: Halon 1211 Bromochlorodifluoromethane Halon 1301 Bromotrifluoromethane Halon 2402 1,2-Dibromo-1,1,2,2-tetrafluoroethane (also known as Halon 114B2) CFC-11 Trichlorofluoromethane CFC-12 Dichlorodifluoromethane CFC-113 1,1,2-Trichloro-1,2-trifluoroethane CFC-114 1,2-Dichloro-1,1,2,2-tetrafluoroethane CFC-115 Chloropentafluoroethane HCFC-22 Chlorodifluoromethane	New installations which contain ozone-depleting substances shall 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 shall 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.	<ol style="list-style-type: none"> 1. 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. 2. No new ships or new installations on ships shall apply or employ anti-fouling compounds or systems in a manner inconsistent with the AFS Convention.

APPENDIX 2

LIST OF ITEMS FOR THE INVENTORY OF HAZARDOUS MATERIALS

1. Any hazardous materials listed in Annex I
2. Cadmium and Cadmium Compounds
3. Hexavalent Chromium and Hexavalent Chromium Compounds
4. Lead and Lead Compounds
5. Mercury and Mercury Compounds
6. Polybrominated Biphenyl (PBBs)
7. Polybrominated Diphenyl Ethers (PBDEs)
8. Polychlorinated Naphthalene (more than 3 chlorine atoms)
9. Radioactive Substances
10. Certain Shortchain Chlorinated Paraffin (Alkanes, C10-C13, chloro)
11. Brominated Flame Retardant (HBCDD)

For any questions about this Technical Information, please contact:

Iranian Classification Society (ICS)
Convention & Legislation Department
Phone: +98-21-42186210
Fax: +98-21-88837744
E-Mail: cld@ics.org.ir
Person in charge: Hossein Abedini

Disclaimer:

Although all possible efforts have been made to ensure correctness and completeness of the contents contained in this information service, the Iranian Classification Society is not responsible for any errors or omissions made herein, nor held liable for any actions taken by any party as a result of information retrieved from this information service.