





MARPOL Annex VI

Chapter 3 - Requirements for Control of Emissions from Ships

Regulation 12

Ozone Depleting Substances

- 1 This regulation does not apply to permanently sealed equipment where there are no refrigerant charging connections or potentially removable components containing ozone depleting substances.
- 2 Subject to the provisions of regulation 3.1, any deliberate emissions of ozone depleting substances shall be prohibited. Deliberate emissions include emissions occurring in the course of maintaining, servicing, repairing or disposing of systems or equipment, except that deliberate emissions do not include minimal releases associated with the recapture or recycling of an ozone depleting substance. Emissions arising from leaks of an ozone depleting substance, whether or not the leaks are deliberate, may be regulated by Parties.
- 3.1 Installations which contain ozone depleting substances*, other than hydrochlorofluorcarbons, shall be prohibited:
 - .1 on ships constructed on or after 19 May 2005; or
 - .2 in the case of ships constructed before 19 May 2005, which have a contractual delivery date of the equipment to the ship on or after 19 May 2005 or, in the absence of a contractual delivery date, the actual delivery of the equipment to the ship on or after 19 May 2005.
- 3.2 Installations which contain hydro-chlorofluorocarbons shall be prohibited:
 - .1 on ships constructed on or after 1 January 2020; or

- .2 in the case of ships constructed before 1 January 2020, which have a contractual delivery date of the equipment to the ship on or after 1 January 2020 or, in the absence of a contractual delivery date, the actual delivery of the equipment to the ship on or after 1 January 2020.
- 4 The substances referred to in this regulation, and equipment containing such substances, shall be delivered to appropriate reception facilities when removed from ships.
- 5 Each ship subject to regulation 6.1 shall maintain a list of equipment containing ozone depleting substances.
- 6 Each ship subject to regulation 6.1 which has rechargeable systems that contain ozone depleting substances shall maintain an Ozone Depleting Substances Record Book. This Record Book may form part of an existing log-book or electronic recording system as approved by the Administration.
- 7 Entries in the Ozone Depleting Substances Record Book shall be recorded in terms of mass (kg) of substance and shall be completed without delay on each occasion, in respect of the following:
 - recharge, full or partial, of equipment containing ozone depleting substances;
 - .2 repair or maintenance of equipment containing ozone depleting substances;
 - 3 discharge of ozone depleting substances to the atmosphere:
 - .3.1 deliberate: and
 - .3.2 non-deliberate;
 - 4 discharge of ozone depleting substances to land-based reception facilities; and
 - .5 supply of ozone depleting substances to the ship.

See Annex VI, as amended, appendix I, Supplement to International Air Pollution Prevention Certificate (IAPP Certificate), section 2.1.

TABLE -1- LIST OF EQUIPMENT CONTAINING OZONE DEPLETING SUBSTANCES (ODS)

| NO | EQUIPMENT NAME | REFRIGERANT | LOCATION ON BOARD | CAPACITY (KG) | DATE | MASTER OR CHIEF ENGINEER'S NAME/SIGNATURE |
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TABLE -2- RECORD OF OZONE DEPLETING SUBSTANCES (ODS)

SHIP NAME: IMO NO: FLAG STATE:

| | | | ODS name | Capacity (kg) | Equipment name / Manufacturer / Year of installation | PROCESS (Refrigerant Addition or Refrigerant Discharged or Leak Test) & AMOUNT (kg) | Choose a | | | | | |
|-----------|------|-------------------------|----------|------------------|--|---|---------------------------------------|---|--|--|-----------------------|--|
| Record No | Date | Location on board | | | | | Recharge (note full or partial) | Repair or maintenance of equipment | Discharge to atm (note deliberate or non- deliberate) | Discharge to reception facility | Supply to the ship | Master or Chief Engineer's Name/ Signature |
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