

Guidance to SIRE 2.0 Key Points

Ref: 017



6.1.5 Ozone Depleting Substances Record Book (NEW) / TMSA 10.1.3

6.1.5. Were the Master and engineer officers familiar with the company procedure for maintaining the Ozone-depleting Substances Record Book, and did the entries contained in the Ozone-depleting Substances Record Book accurately record the operations and emissions required to be documented by MARPOL Annex VI?

Short Question Text

Ozone Depleting Substances Record Book

Vessel Types

Oil, Chemical, LPG, LNG

ROVIQ Sequence

Documentation, Engine Control Room, Chief Engineer's Office

Publications

IMO: ISM Code

IMO: MARPOL

IMO: MEPC.312(74) Guidelines for the Use of Electronic Record Books under MARPOL

Objective

To ensure all operations involving ozone-depleting substances, including any deliberate and non-deliberate emissions, are recorded in compliance with MARPOL Annex VI.



ROTATIONAL

Inspection questions focused on preventing/mitigating risks that could indirectly lead to a catastrophic risk event or directly lead to a lower risk event.



Hardware

None



Process



Graduated



Human

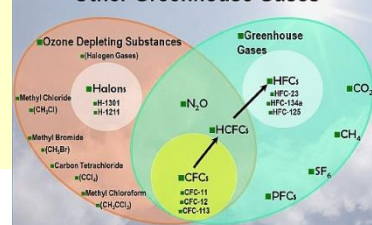


Graduated

MAIN OZONE DEPLETING SUBSTANCES



Relationship Between ODS and Other Greenhouse Gases



Potential Grounds for a Negative Observation

- There was no company procedure that described the requirements for maintaining the Ozone-depleting Substances Record Book, either in paper or electronic format, in accordance with MARPOL Annex VI and any Flag Administration guidance.
- The accompanying officer was not familiar with the company procedures that described the requirements for maintaining the Ozone-depleting Substances Record Book, either in paper or electronic format, in accordance with MARPOL Annex VI and any Flag Administration guidance.
- Where the vessel was using an electronic record book, there were no instructions available for the use of the electronic record book system.
- Where the vessel was using an electronic record book, there was no Declaration from flag/class authorising its use.
- There was no facility for automatic backup and recovery of data if the electronic record book system were to fail or not be available from the ship's network.
- An item of equipment on board containing ozone-depleting substances was not included in the Supplement to the International Air Pollution Prevention Certificate (IAPP Certificate), section 2.1.
- The entries in the Ozone-depleting Substances Record Book:
 - Were not an accurate record of operations and/or emissions involving ozone-depleting substances.
 - Recorded operations that were in violation of MARPOL Annex VI.
 - Did not record all operations and/or emissions required by MARPOL Annex VI.
 - Were not signed by the officer in charge of each operation.
 - Were not verified and signed by the Master upon completion of each page.
 - Were not supported by a receipt or certificate for the discharge of ozone-depleting substances to land-based reception facilities.
 - Were corrected in a manner which was not in compliance with the company procedures.



Process



Human



Process