



Overview of the *Federal Halocarbon Regulations, 2022*

The *Federal Halocarbon Regulations, 2022 (FHR 2022)*, made under the *Canadian Environmental Protection Act, 1999 (CEPA)*, establish requirements to protect the earth's ozone layer and climate by reducing and preventing emissions of ozone-depleting substances and of their halocarbon alternatives to the environment. Some of these substances have a global warming potential that is hundreds to thousands of times greater than that of carbon dioxide.

Scope of the Regulations (Section 2)

The Federal Halocarbon Regulations, 2022, **apply** to air-conditioning systems, refrigeration systems, solvent systems, fire-extinguishing systems and containers located in Canada that are:

- › Owned by the Crown regardless of where the systems are located (i.e. **federal departments, boards or agencies**)
- › Owned by a **federal work or undertaking**, including a railway, a port authority, an airport, a telecommunication company or a bank; or
- › Located on **indigenous lands**, including systems owned by band councils or private businesses
- › Located on **federal lands**, including private companies that own or operate systems located on such land.

Definition of a Federal Work or undertaking

CEPA defines a federal work or undertaking as any work or undertaking that is within the legislative authority of the Parliament of Canada, including, but not limited to:

1. a work or undertaking operated for or in connection with navigation and shipping, whether inland or maritime, including the operation of ships and transportation by ships;
2. a railway, canal, telegraph or other work or undertaking connecting one province with another, or extending beyond the limits of a province;
3. a line of ships connecting a province with any other province, or extending beyond the limits of a province;
4. a ferry between any province and any other province or between any province and any country other than Canada;
5. airports, aircraft and commercial air services;
6. a broadcast undertaking;
7. a bank;
8. a work or undertaking that, although wholly situated within a province, is before or after its completion declared by Parliament to be for the general advantage of Canada or for the advantage of two or more provinces (eg., nuclear facilities, feed mills); and
9. a work or undertaking outside the exclusive legislative authority of the legislatures of the provinces.



Substances covered under the Regulations (Schedule 1)

List of Halocarbons

1. Tetrachloromethane (carbon tetrachloride)
2. 1,1,1-trichloroethane (methyl chloroform), except 1,1,2-trichloroethane
3. Chlorofluorocarbons (CFC)
4. Bromochlorodifluoromethane (Halon 1211)
5. Bromotrifluoromethane (Halon 1301)
6. Dibromotetrafluoroethane (Halon 2402)
7. Bromofluorocarbons except those set out in items 4 to 6
8. Bromochloromethane (Halon 1011)
9. Hydrobromofluorocarbons (HBFC)
10. Hydrochlorofluorocarbons (HCFC)
11. Hydrofluorocarbons (HFC)
12. Perfluorocarbons (PFC)

Main prohibitions and requirements

The FHR (2022):

- › prohibit the release of halocarbons to the environment with some exceptions;
- › set restrictions and requirements regarding the installation, operation and service of systems and containers containing or designed to contain halocarbons listed in schedule 1;
- › set information requirements, such as the inventory of large systems and containers, activity logs and notices to be affixed to systems or containers that are permanently withdrawn from use; and
- › set reporting obligations for releases of more than 10kg of halocarbon.

Retention of documents

A copy of all documents required under the FHR 2022 must be kept by the owner on site where the systems or containers are located, for a period of at least five years (Section 26).

If the systems or containers are located in a means of transportation, on a site where access is limited for at least four months per year or on a site where the owner or person responsible is not present regularly, a copy of the documents must be kept at the principal place of business in Canada of the owner.

Format of documents

Documents can be kept in an electronic format compatible with that used by the Minister (Subsection 26(3)), or in paper format.

[Templates](#) available on the Federal Halocarbon Regulations Information webpage have been prepared as a guide to help facilitate information collection and/or submission.

Documents can be submitted to the Minister of the Environment and Climate Change by e-mail or regular mail.

Become familiar with the Regulations

Find reliable and useful information on our website to help determine if the Regulations apply and how to comply with them:

- › Full text of the regulations
- › Templates for:
 - charging report
 - notice of permanent withdrawal from use,
 - Permit application forms
 - › Request for Permit for Fire-Extinguishing System
 - › Request for Permit for Solvent System
 - inventory of large systems or large containers
 - activity logs,
 - release reports
 - › for release of more than 10 kg but less than 100 kg
 - › for release of 100 kg or more
- › Factsheets to become more familiar with the requirements set out in the regulations:
 - Owner, responsible person and certified person
 - Inventory of large systems or large containers
 - Size-dependent obligations for systems or containers
 - Leaks and leak tests
 - Maintenance of systems and containers
 - Reporting a release of a halocarbon
 - Prohibitions and permits

For more information, visit our website www.canada.ca/federal-halocarbon-regulations.

If the information you need is not available on our website, contact your regional office or the Halocarbon Program:

Pacific & Yukon: rfhpromcon-py-fhrcompro@ec.gc.ca

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Disclaimer: This material has been prepared for convenience of reference and accessibility and does not have an official character. It is of a general nature only. For all purposes of interpreting and applying the Regulations, users must consult the official version of the *Federal Halocarbon Regulations, 2022* and seek their own legal advice as appropriate.

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