



Federal Halocarbon Regulations, 2022 (FHR 2022):

Maintenance of systems and containers

The *Federal Halocarbon Regulations, 2022 (FHR 2022)* establish different maintenance requirements for refrigeration, air-conditioning, fire-extinguishing, and solvent systems and containers under federal jurisdiction.

Recovery of halocarbons

All halocarbons that could potentially be released during the installation or servicing of a system or container must be recovered.

With respect to fire-extinguishing systems, the equipment used to recover halocarbons must have a rated transfer efficiency of at least 99% (section 15).

Before permanently withdrawing from use a system or container, all halocarbons must be recovered and stored into a container designed to contain that specific type of halocarbon (Section 16). A notice must be affixed to a system or container that has been permanently withdrawn from use, indicating that all halocarbon where recovered (Paragraph 16(1)(b)).

Template for Notice of permanent withdrawal from use

This does not apply to a small air-conditioning system or refrigeration system being transferred to a new owner, that is in operating condition and for which the transfer will not result in the release of a halocarbon (Subsection 16(2)).

Specifically-designed containers

You must not store or transport a halocarbon unless it is in a container designed and manufactured to be refilled and to contain that specific type of halocarbon. This does not apply in respect of halocarbons that are used as laboratory analytical standards or laboratory reagents (Subsection 6(2)).

Activity log

For systems and containers containing more than 10 kilograms (kg) of halocarbon, you must record information in an activity log each time a system or container is installed, serviced or permanently withdrawn from use or ownership has been transferred. Service on small system or container should also be recorded in the activity log, only when this can lead to the release of a halocarbon (Section 23).

Service

Service is defined as any work that is on an air-conditioning system, a refrigeration system, a solvent system, a fire-extinguishing system or a container and that involves the components that contain or are designed to contain a halocarbon, such as the charging of a system or container with a halocarbon, the removal or reassembly of one or more components of the halocarbon circuit or the detection and repair of leaks.

Template for Activity logs



Purge system

Only a purge system that emits less than 0.1 kg of halocarbons per kilogram of air purged to the environment can be installed or operated (Section 8).

Leaks and Leak tests

See leaks and leak tests factsheet.

Good to know – other useful information

- › Overview of the *Federal Halocarbon Regulations, 2022*
- › Owner, responsible person and certified person
- › 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

Prairies & Northern: promconrpn-compropnr@ec.gc.ca

Ontario: promcon-on-compro@ec.gc.ca

Quebec: rfh-qc-fhr@ec.gc.ca

Atlantic: rfh-atl-fhr@ec.gc.ca

Halocarbon Program:

halocarbures-halocarbons@ec.gc.ca

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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