

Note* All time-related requirements for repairing, retrofitting, or retiring a leaking system are temporarily suspended if the system is mothballed or the leaking component is isolated.



How to Calculate Your Leak Rate

Calculate the 12-month rolling average leak rate (%) with the formula:
Leak Rate=(lb refrigerant added over previous 365 day period)/
(lb refrigerant normally contained in the system at full charge) x 100%

Leak Rate Thresholds by End-Use

Retail Food Refrigeration or
Cold Storage Warehouse
16%

Industrial Process
Refrigeration
24%

Air
conditioning
8%



How to Qualify For an Allowance or Apply to an Exemption to The Leak Repair Timeframe Requirements

Qualify For an Allowance

45 Day Allowance

Your leak repair timeframe is up to 45 days if you meet **at least one** of these conditions:

- (a) A certified technician is unavailable to complete the repair or replace the component(s). A written record must be kept, documenting that the owner or operator exercised due diligence in seeking the services of a certified technician immediately following detection of the leak and that no certified technician was available to complete the repair within 14 calendar days of the initial leak detection;
- (b) The parts necessary to repair a leak are unavailable. A written record must be kept, documenting that the necessary parts were unavailable within 14 calendar days of the initial leak detection. The record must include a written statement from the certified technician regarding the necessity of the parts and a written statement from the manufacturer regarding the availability of the parts; or
- (c) The leak repair requires an industrial process shutdown that results in an industrial process temporarily ceasing to manufacture the desired product. A written record must be kept, documenting why the repair requires an industrial process shutdown and how long the shutdown would last.

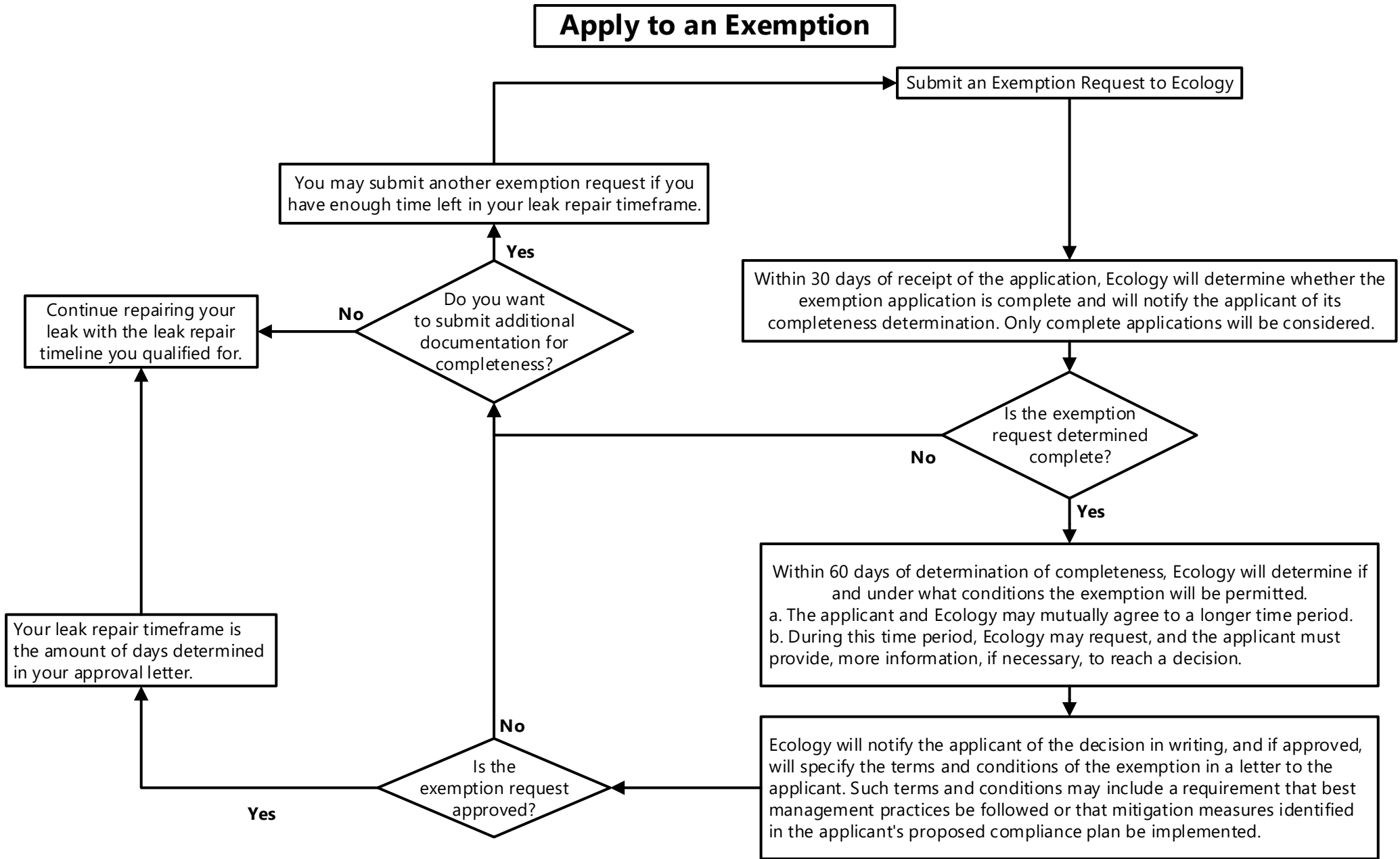
* Written records must be kept in accordance with WAC 173-443-195

120 Day Allowance

Your Leak repair timeframe is up to 120 days if you meet **all** of these conditions:

- (a) The facility owner or operator is an entity subject to the mandatory reporting of greenhouse gas emissions under chapter 173-441 WAC;
- (b) The leaking system is an industrial process refrigeration system;
- (c) The leak repair requires an industrial process shutdown that results in ceasing to manufacture the desired product; and
- (d) The owner or operator maintains written records documenting that the conditions in (a) through (c) of this subsection are met, in accordance with WAC 173-443-195.

Continue repairing your leak with the leak repair timeline you qualified for.



Note* Exemptions will not be granted retroactively from the date of application. You must submit an exemption request before the expiration of a leak repair timeframe to remain in compliance.

C Retrofit/Retirement Plan

- 1) The retrofit or retirement must be completed within 6 months of the leak repair timeframe expiring unless granted extra time.
- 2) Owners/operators must repair all identified leaks as part of any retrofit.
- 3) Owners/operators may request relief from the obligation to retrofit or retire a system if:
 - a) Within the 6-month plan time frame, the owner/operator can establish that the appliance is no longer leaking and,
 - b) They have successfully repaired all identified all leaks.
- 4) The retrofit or retirement plan requirements are halted during any time the system is mothballed or the leaking component is isolated. Once the system resumes operation, the requirements resume immediately

The retrofit or retirement plan must describe the retrofitted, or new, system and include the information required in WAC 173-443-175(1)(c), including:

- (i) System identification number as it appears in the WA RMP reporting system registration;
- (ii) System type;
- (iii) Equipment manufacturer;
- (iv) Equipment model or description;
- (v) Temperature classification. A refrigeration system must be identified as a very low, low, medium, or other temperature system;
- (vi) Full refrigerant charge;
- (vii) Type of refrigerant to be used;
- (viii) A timetable that includes the expected beginning date and completion date for the installation, construction, or retrofit; and
- (ix) A signature by a representative of the facility and date signed.

