



GreenChill Store Certification Criteria

The following document summarizes the requirements to achieve Platinum-, Gold- and Silver-Level Certification. Please see the [GreenChill Store Certification Program Guidance](#) for more information on each of these criteria.

Platinum-Level Store Certification: To qualify for GreenChill's Platinum-Level Store Certification, a store must meet the requirements under either A or B:

A. HFC-Based Refrigeration Systems

- The store must only use refrigerants with zero ozone-depleting potential;
- The store must only use refrigerants that have been found acceptable by EPA's Significant New Alternatives Policy Program (SNAP) for use in retail food refrigeration end-uses;
- The store must achieve an average HFC refrigerant charge equal to or less than 0.5 lbs. of HFC refrigerant per MBTU/hr. total evaporator heat load;
- The store must achieve a store-wide annual HFC refrigerant emissions rate of 5% or less; and
- All newly constructed stores must be leak tested at installation according to the standards in GreenChill's Installation Leak Tightness Testing Guidelines

B. Refrigeration Systems using Low-GWP Refrigerants

- The store must only use refrigerants with zero ozone-depleting potential;
- The store must only use refrigerants that have been found acceptable by EPA's Significant New Alternatives Policy Program (SNAP) for use in retail food refrigeration end-uses; and
- All refrigerants used in the store's commercial refrigeration system must have global warming potentials (GWP) lower than 150.

Gold-Level Store Certification: To qualify for GreenChill's Gold-Level Store Certification, a store must meet the following requirements:

- The store must only use refrigerants with zero ozone-depleting potential;
- The store must only use refrigerants that have been found acceptable by EPA's Significant New Alternatives Policy Program (SNAP) for use in retail food refrigeration end-uses;

- The store must achieve an average HFC refrigerant charge equal to or less than 1.25 lbs. of refrigerant per MBTU/hr. total evaporator heat load;
- The store must achieve a store-wide annual HFC refrigerant emissions rate of 15% or less; and
- All newly constructed stores must be leak tested at installation according to the standards in GreenChill's Installation Leak Tightness Testing Guidelines

Silver-Level Store Certification: To qualify for GreenChill's Silver-Level Store Certification, a store must meet the following requirements:

- The store must only use refrigerants with zero ozone-depleting potential;
- The store must only use refrigerants that have been found acceptable by EPA's Significant New Alternatives Policy Program (SNAP) for use in retail food refrigeration end-uses;
- The store must achieve an average HFC refrigerant charge equal to or less than 1.75 lbs of refrigerant per MBTU/hr. total evaporator heat load; and
- The store must achieve a store-wide annual HFC refrigerant emissions rate of 15% or less.
- All newly constructed stores must be leak tested at installation according to the standards in GreenChill's Installation Leak Tightness Testing Guidelines