



**~Confidential Business Information~¹
Newly Constructed² Food Retail Stores**

To qualify for GreenChill platinum-, gold-, or silver-level store certification, please answer the following questions about the store seeking certification.

1. STORE NAME (as you would like it to appear on the award certificate): _____

STORE #: _____ **DATE OF STORE OPENING:** _____

STREET ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

2. REFRIGERATION SYSTEM TYPE AND MANUFACTURER (check one box for the medium temperature system and list the manufacture of that system, and check one box for the low temperature system and list the manufacturer of that system)

SYSTEM TYPE	MEDIUM TEMPERATURE SYTEM		LOW TEMPERATURE SYSTEM	
	TYPE	MANUFACTURER	TYPE	MANUFACTURER
Centralized Direct Expansion Parallel Rack	<input type="checkbox"/>		<input type="checkbox"/>	
Distributed Direct Expansion	<input type="checkbox"/>		<input type="checkbox"/>	
Glycol Secondary Loop	<input type="checkbox"/>		<input type="checkbox"/>	
CO ₂ Secondary Loop	<input type="checkbox"/>		<input type="checkbox"/>	
CO ₂ Cascade	<input type="checkbox"/>		<input type="checkbox"/>	
CO ₂ Transcritical	<input type="checkbox"/>		<input type="checkbox"/>	
Other (please specify):	<input type="checkbox"/>		<input type="checkbox"/>	

3. REFRIGERANT TYPE AND CHARGE SIZE (complete the table below)

EQUIPMENT TYPE	REMOTE COMMERCIAL REFRIGERATION SYSTEM		SELF-CONTAINED EQUIPMENT*	HVAC EQUIPMENT**
	MEDIUM TEMPERATURE	LOW TEMPERATURE		
Primary Refrigerant Type				
Primary Refrigerant Charge (lbs)				
Secondary Refrigerant Type				
Secondary Refrigerant Charge (lbs)				

*Including soda machines, vendor supplied coolers, ice machines, refrigerators in deli areas, etc.

**Including "personal" AC in staff offices

4. PREDICTED HFC REFRIGERANT ANNUAL EMISSIONS

(LBS): _____

Annual emissions should be predicted for the HFC refrigerant in the remote commercial refrigeration equipment once the store is fully operational. If an HFC refrigerant is not used, this question may be left blank.

5. TOTAL REMOTE COMMERCIAL REFRIGERATION LOAD (MBTUS/HOUR): _____

¹ All information provided will be treated as confidential business information (CBI), as stipulated under Clean Air Act provisions, and will not be divulged either to other partners or publicly.

² A newly constructed store is one that is applying for GreenChill certification before it opens to the public, so it does not have any actual refrigerant emissions data at the time of the certification application. Stores that have only been operational for a few months may also fit into this category.

DO NOT include the load from the store's HVAC system (split systems or self-contained), self-contained refrigeration equipment, sub-cooling, heat of rejection, or pump heat.

6. REQUIRED ATTACHMENTS CHECKLIST (If an HFC refrigerant is not used, Attachments C, D, and E are not required)

- A. STORE'S REFRIGERATION SYSTEM LEGEND (SCHEDULE):** A copy of the store's refrigeration system legend (schedule) that lists the BTU output of all remote commercial refrigeration equipment.
- B. SUPPORTING DOCUMENTATION FOR REFRIGERANT CHARGE:** A letter, signed by an authorized installation company representative, detailing the amount of refrigerant (lbs.) the commercial refrigeration system holds when properly charged. Due to possible leaks, invoices are not sufficient for verifying a system's charge.
- C. LETTER STATING EQUIPMENT MANUFACTURER'S PREDICTED HFC ANNUAL EMISSIONS OR EMISSIONS RATE:** A letter, signed by an authorized representative of each commercial refrigeration system manufacturer predicting this store's annual emissions (lbs.) or emissions rate (%) and the rationale for that prediction.
- D. SUPPORTING DOCUMENTATION FOR PREDICTED HFC ANNUAL EMISSIONS OR EMISSIONS RATE:** Documentation supporting the predicted annual emissions (lbs.) or emissions rate (%). Documentation may include any or all of the following, or any other supporting evidence deemed helpful: a list of emissions or emissions rates from other stores using the same technology as the store seeking certification; a list of emissions or emissions rates from other stores serviced by the same service technicians installing equipment in the store seeking certification; a list of special features of the store seeking certification that lead to reduced emissions and emissions rates, etc.
- E. INSTALLATION LEAK TIGHTNESS TESTING VERIFICATION FORM:** Please have an authorized installation company representative complete and sign the [Installation Leak Tightness Testing: Verification Form](#) to verify that he/she tested the remote commercial refrigeration system per GreenChill's Best Practices Guideline for Leak Tightness at Installation prior to the store's opening.

7. SIGNATURE/CERTIFICATION BY AUTHORIZED COMPANY REPRESENTATIVE

Please have an authorized representative of the store seeking certification sign this application to attest that all information contained is true and correct.

Name: _____ Title: _____
Telephone: _____ Email: _____
Signature: _____ Date: _____

8. CONTACT INFORMATION

Please provide contact information for a technical contact regarding the store certification application.

Name: _____ Title: _____
Street Address: _____
City: _____ State: _____ Zip: _____
Telephone: _____ Email: _____

For assistance on completing the form, please refer to the [GreenChill Store Certification Program Guidance](#). Please direct any questions and send completed forms and attachments to Kersey Manliclic (Manliclic.Kersey@epa.gov, 202-566-9981).³

GreenChill reserves the right to deny store certification based on a company's Clean Air Act Title 6 enforcement issues

Note: When referring to any EPA Award, please include the year in which the award was received.

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³ If you do not receive an email confirming receipt of your application within 2 business days, please notify EPA.

Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.