



New guidelines.

Recognizing the unique nature of the retail environment and the different types of spaces that retailers need for their distinctive product lines, LEED for Retail – New Construction (NC) is a pilot version under public review and, as such, is not finalized. (See [USGBC Web site](#) for updates.) Project teams interested in using LEED for Retail-NC must wait until market launch. In the interim, interested project teams can review the LEED for Retail drafts (online at [USGBC.org](#)). Project teams are also encouraged to register any potential retail projects under LEED for New Construction v2.2 or LEED for Commercial Interiors v2.0 today and switch to LEED for Retail once it becomes available.

Achieving a higher standard.

LEED for Retail-NC can help builders, planners, site designers and developers create high-performance, healthful, durable and environmentally sound retail buildings. By making sure the standards are also tailored to encompass the specific needs of retailers, LEED-NC can help create affordable solutions as well.

Hobart and your LEED Retail certification goals.

The commercial kitchen equipment and/or foodservice operation within a retail building typically uses:

- the most energy per square foot
- the most disposable products
- toxic cleaning chemicals
- considerable amounts of water

However, commercial kitchen equipment may support a building’s sustainability goals and contribute toward LEED points. What follows are examples (Water Efficiency and Energy & Atmosphere) of how Hobart products may help support your LEED certification goals.

Category	Prerequisite	Credits	Points
Sustainable Sites	1	8	16
Water Efficiency*	0	3	5
Energy & Atmosphere*	3	6	17
Materials & Resources	1	7	13
Indoor Environmental Quality	2	8	14
Innovation & Design Process*		2	5
TOTAL Possible Points:			70

*Denotes categories where Hobart may contribute toward a LEED point. Currently, Hobart may help to contribute up to 4-5 of the possible 70 points.



Proud supporter of you.™



PARTNER OF THE YEAR

888-4HOBART (888-446-2278)
www.hobartcorp.com/sustainabledesign



Water Efficiency.

Water Efficiency Credit 3.1: Water Use Reduction – 20% Reduction, 1 Point

To obtain this credit, operators must first meet Energy Policy Act of 1992 fixture performance requirements, and then further reduce water consumption by 20%.

The water-use baseline must be calculated for the building (not including outdoor irrigation), based on occupant usage and shall include only the following main fixtures: water closets, urinals, lavatory faucets, showers and kitchen sinks. In addition, this credit must employ strategies that in aggregate use 20% less water than the water-use baseline calculated for commercial equipment performance of the following:

Commercial Equipment	Baseline
Commercial Clothes Washer – less than 80 lbs.	9 gallons/CF/cycle
Commercial Dishwashers	Baseline
Undercounter	1.2 gallons/rack
Door	0.9 gallon/rack
Flight Type	180 gallons/hour
Commercial Ice Machine	21.6 gallons/100 lbs. ice
Food Steamers	Baseline
Boiler Types	15 gallons/hour
Boilerless Types	4 gallons/hour
Pre-Rinse Spray Valves	1.6 gallons/minute
Combination Oven	30 gallons/hour
Other Equipment	Performance baseline based on industry standards



**Water Efficiency Credit 3.2: Water Use Reduction – 30% Reduction, 1 Point**

To obtain this credit, operators must first meet Energy Policy Act of 1992 fixture performance requirements, and then further reduce water consumption by 30%.

The water-use baseline must be calculated for the building (not including outdoor irrigation), based on occupant usage and shall include only the following main fixtures: water closets, urinals, lavatory faucets, showers and kitchen sinks. In addition, this credit must employ strategies that in aggregate use 30% less water than the water-use baseline calculated for commercial equipment performance of the following:

Commercial Equipment	Baseline
Commercial Clothes Washer – less than 80 lbs.	9 gallons/CF/cycle
Commercial Dishwashers	Baseline
Undercounter	1.2 gallons/rack
Door	0.9 gallon/rack
Flight Type	180 gallons/hour
Commercial Ice Machine	21.6 gallons/100 lbs. ice
Food Steamers	Baseline
Boiler Types	15 gallons/hour
Boilerless Types	4 gallons/hour
Pre-Rinse Spray Valves	1.6 gallons/minute
Combination Oven	30 gallons/hour
Other Equipment	Performance baseline based on industry standards

Energy & Atmosphere.**Energy & Atmosphere Credit 1: Optimize Energy Performance – For Foodservice/Grocery Retail, 1-10 Points**

In order to take advantage of energy savings with kitchen equipment, project teams need to follow the Exceptional Calculation Method (ASHRAE 901-2004 G2.5) to document process energy savings. Projects are required to achieve (2) Optimize Energy points.



Proud supporter of you.™



888-4HOBART (888-446-2278)
www.hobartcorp.com/sustainabledesign



Option 1 - Whole Building Energy Simulation, 1-10 Points

Reduce the building performance rating compared to baseline building performance rating per [ASHRAE/IESNA Standard 90.1-2004](#) for total energy consumption by the following percentages (1-10 points):

New Buildings	Existing Building Renovations	Points Awarded
10.5%	3.5%	1
14%	7%	2
17.5%	10.5%	3
21%	14%	4
24.5%	17.5%	5
28%	21%	6
31.5%	24.5%	7
35%	28%	8
38.5%	31.5%	9
42%	35%	10

The following are the most popular Hobart ENERGY STAR® rated equipment that can help reduce an overall building’s process energy load consumption. For a complete list, contact Hobart.



Hobart Warewashers

- LXi Undercounter Dish Machines
- AM Select Door-Type Warewashers
- CLe Conveyor-Type Warewashers

Hobart Steamers

- HPX Series Counter Connectionless Steamers



Traulsen Refrigeration

- R & A Series Refrigerators, Freezers and Hot-Food Holding Cabinets
- G-Series Refrigerators and Freezers
- Banquet and Transport Carts
- Compact Undercounters



Proud supporter of you.™



888-4HOBART (888-446-2278)
www.hobartcorp.com/sustainabledesign



Option 2 – Prescriptive Compliance Path, 4 Points

If the retail building is under 20,000 square feet, it may achieve this credit when:

- Prescriptive measures of ASHRAE Advanced Energy Design Guide for Small Retail Buildings 2004 are met.
- Projects comply with prescriptive measures for 90% of total energy consumption for process loads. Online users, [see table](#) (pg. 64 of online document) for Prescriptive Measures Process Loads. Or view online at www.USGBC.org.

Option 3 – Prescriptive Compliance Path, 2-5 Points

If the retail building complies with criteria and measures of the Advanced Buildings™ Core Performance Guide (except 1.7, 1.11, 1.14), it may achieve this credit when:

- Projects comply with prescriptive measures for applicable process loads. Online users, [see table](#) (pg. 65 of online document) for Prescriptive Measures Process Loads. Or view online at www.USGBC.org.
- Building is under 100,000 square feet.

For measures, contact Hobart at 888-4HOBART.

Energy & Atmosphere Credit 4: Enhanced Refrigerant Management, 1 Point

Select refrigerants in HVAC and refrigeration equipment that minimize or eliminate the emissions of compounds that contribute to life-cycle ozone depletion (LCODP) and life-cycle global warming potential (LCGWP).

The base building HVAC and refrigeration equipment (includes refrigeration units using more than ½ lb. of refrigerant) must comply with the following formula, which sets a maximum threshold for combined contributions to LCODP and LCGWP:

$$LCGWP + LCODP \times 10^5 \leq 100$$



For online users, enter your data here to have Hobart calculate your score. Or use the formula below to calculate your own.

LCGWP _____ + LCODP _____ x 10⁵ = Your Score _____

Innovation & Design Process.

Innovation & Design Credit 2: LEED-Accredited Professional, 1 Point

To be awarded an Innovation & Design point, at least one principal participant of the project team must be a LEED-AP. Not sure how to become a LEED-AP? [Ask us](#).

Additional Help.

If you need additional help answering LEED questions or starting the process, please feel free to give us a call at 888-4HOBART (888-446-2278). Or visit the USGBC site at www.USGBC.org.



Proud supporter of you.™



PARTNER OF THE YEAR

888-4HOBART (888-446-2278)
www.hobartcorp.com/sustainabledesign