



New guidelines.

LEED-New Construction (NC) provides a set of performance standards for certifying the design and construction phases for commercial, institutional and high-rise residential buildings. For new construction and major renovations to be considered for LEED certification, you must follow the latest guideline labeled Version 2.2. Schools, and healthcare must refer to their separate LEED guidelines.

Achieving a higher standard.

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

Hobart and your LEED-New Construction certification goals.

The commercial kitchen equipment and/or foodservice operation within a 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 Site Planning	1	8	14
Water Efficiency*	0	3	5
Energy & Atmosphere*	3	6	17
Materials & Resources	1	7	13
Indoor Environmental Quality	2	8	15
Innovation & Design Process*		2	5
TOTAL Possible Points:			69

*Denotes categories where Hobart may contribute toward a LEED point. Currently, Hobart may help to contribute up to 4-5 of the possible 69 points.





Water Efficiency.

Innovation & Design Credit for Process Water Reduction

Based on high-efficiency and standard water-using fixtures, project teams must define reasonable usage and baseline process water consumption. If process and non-regulated water-use savings are at least 10% of the total design-regulated water use, the project is eligible for the ID point. One way to meet the requirements is by installing Hobart's ware-washing products with Opti-Rinse™ technology. Not only can it result in a major reduction of a building's potable process water consumption, but it can also result in significant energy savings, helping to offset the initial investment.

For a recent University of Cincinnati LEED case study involving the FT900 flight-type ware-washer and this process water reduction credit, visit www.hobartcorp.com/sustainabledesign.

Energy & Atmosphere.

Energy & Atmosphere Credit 1: Optimize Energy Performance, 1-10 Points

Awarded when a building demonstrates a percentage improvement in the proposed building performance compared to a baseline rating per [ASHRAE/IESNA Standard 90.1-2004](#). In order to take advantage of energy savings with kitchen equipment, project teams need to follow the Exceptional Calculation Method (ASHRAE 90.1-2004 G2.5) to document process energy savings. The minimum energy cost-saving percentage for each point threshold is as follows:

- A mandatory 2 points for building projects registered after June 2007.
- Recent guideline changes incorporate process energy into building baseline energy loads, which include kitchen cooking, food preparation and refrigeration equipment.
- If you have a large kitchen, make sure to reference Hobart and Traulsen ENERGY STAR® rated products that can help contribute toward your building's energy cost savings.

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



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

Awarded when HVAC and refrigeration equipment uses refrigerants 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:

$$\text{LCGWP} + \text{LCODP} \times 10^5 \leq 100$$

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.



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