



LEED-NC Version 2.2 Fact Sheet

As the first green building rating system in the United States, LEED® for New Construction (LEED-NC) has grown remarkably since its release in 2000. The new version, LEED-NC Version 2.2, was recently approved by our members. To help you understand what is new about LEED-NC v2.2, the following summarizes major technical changes and frequently asked questions (FAQs) on the transition.

Major Credit Changes from LEED-NC v2.1 to v2.2

SSc5.2- Site Development: Maximize Open Space	Open space definition has been refined to address both urban and suburban settings
SSc6.2- Stormwater Design: Quality Control	Stormwater control systems must be capable of treating 90% of runoff and removing 80% of total suspended solids. System performance information on phosphorous removal is no longer required.
SSc7.2- Heat Island Effect: Roof	New performance metric (Solar Reflectance Index)
SSc8- Light Pollution Reduction	Requirements for control of interior lighting to prevent spillover and restructuring of the exterior lighting requirement
WEc1.2- Water Efficient Landscaping	Use of municipally provided non-potable water is acceptable for credit compliance
The Commissioning Credits (EAp1 and EAc3)	Major clarifications were made to the credit to standardize LEED Commissioning Scope of Work
The Energy Performance Credits (EAp2 and EAc1)	Updated Referenced Standard (ASHRAE 90.1-2004), new energy modeling protocol, two new prescriptive compliance paths
EAc4- Enhanced Refrigerant Management	Credit is now based on refrigerant management methodology established in TSAC refrigerant report
MRc4- Recycled Content	Updated Referenced Standard (ISO 14201)
MRc5.1- Regional Materials	New requirements on what constitutes "regional"
EQp1- Minimum IAQ Performance	Updated Referenced Standard (ASHRAE 62.1-2004)
EQc2- Increased Ventilation	Credit basis has been changed from ventilation effectiveness to provision of higher than code minimum ventilation
EQc3.2- Construction IAQ Management Plan: Before Occupancy	Clarification on building flush-out procedures provided. New IAQ testing protocol has been established. Requirement for installation of MERV 13 filters has been moved to EQc5
EQc4.3- Low-Emitting Materials: Carpet Systems	Updated, Enhanced Referenced Standard (Green Label Plus)
EQc4.4- Low-Emitting Materials: Composite Wood & Agrifiber Products	Revised definition of composite wood. Laminating adhesives used to fabricate on-site and shop-applied composite wood and agrifiber assemblies shall contain no added urea-formaldehyde resins
EQc5- Indoor Chemical & Pollutant Source Control	Provision of properly sized and maintained walk off mats is now acceptable. Mechanically ventilated buildings must have MERV 13 or higher filtration media.
EQc6- Controllability of Systems	Re-structured credit basis: EQc6.1 - lighting, EQc6.2 - thermal control based on ASHRAE 55-2004
EQc7- Thermal Comfort	EQc7.1 and EQc7.2 have an updated Referenced Standard (ASHRAE 55-2004). EQc7.2 now requires a survey method for verification
EQ8.1- Daylight & Views: Daylight 75% of Spaces	Credit can be achieved by three compliance paths: calculation of glazing factor; daylight simulation; or direct measurement of daylighting performance in completed building

Alternative compliance paths have been added for the following credits: **SSc2-** Development Density and Community Connectivity, **SSc4.3-** Alternative Transportation: Low-Emitting and Fuel-Efficient Vehicles, **SSc4.4-** Alternative Transportation: Parking Capacity, **SSc6.1-** Stormwater Design: Quality Control, and **EAc6-** Green Power. In addition, the submittals section is no longer part of the Rating System to ensure that documentation can be more flexible and streamlined. Detailed submittal guidelines are outlined on the USGBC website and in the Reference Guide. Virtually every credit has been altered to some degree. If you are interested in a particular credit you do not see listed here, please read through the Rating System or Reference Guide for more specifics.



LEED-NC Version 2.2 Fact Sheet (cont.)

Frequently Asked Questions

Q: Will my 2.0/2.1 project have to comply with these new standards?

A: All registered LEED-NC v2.0/v2.1 projects will still be able to apply for certification using the standard in place at the time of project registration. After December 31st, 2005, LEED-NC v2.2 will be the only LEED-NC version available for registration. Projects will NOT be able to register for LEED-NC v2.1 after that date. *If you are working on a v2.1 project that you have not registered yet, and you don't want to use v2.2, you must register your project before January 1, 2006.*

Q: Can my v2.0/v2.1 project use the methods in 2.2 to achieve credits, without switching entirely to 2.2?

A: No. Unlike the transition from v2.0 to v2.1, in this revision, projects will not be able to mix different versions of credits within one submittal. If you are currently registered for v2.0 or v2.1, and you determine that v2.2 would work better for your project, you can switch entirely to v2.2 with no additional registration cost. Since there are new compliance paths and smarter, up-to-date credits, we anticipate that many projects will switch over to v2.2.

Q: Are there new resources for LEED-NC v2.2 projects?

- A: Yes. The following items are available at or right after Greenbuild:
- o The new LEED-NC v2.2 Reference Guide (\$150 special Greenbuild price)
 - o A new LEED-NC Technical Review Workshop
 - o Online, reduced-cost registration for LEED-NC v2.2 projects

The LEED Accreditation Exam will not transition to the v2.2 version until later in 2006. If you are planning to take the exam soon, you should continue to study the LEED-NC v2.1 Rating System and Reference Guide.

Q: Will the project registration fee structure change for 2.2?

A: Yes. Here is our new fee structure for LEED-NC v2.2:

	Less than 50,000 Sq Ft	50,000 - 500,000 Sq Ft	More than 500,000 Sq Ft
Registration	Fixed Rate		
Members	\$450.00		
Non-Members	\$600.00		
Design Review	Fixed Rate	Based on Square Ft.	Fixed Rate
Members	\$1,250.00	\$0.025/Square Ft.	\$12,500.00
Non-Members	\$1,500.00	\$0.03/Square Ft.	\$15,000.00
Construction Review	Fixed Rate	Based on Square Ft.	Fixed Rate
Members	\$500.00	\$0.01/Square Ft.	\$5,000.00
Non-Members	\$750.00	\$0.015/Square Ft.	\$7,500.00

To register your project: Go to www.usgbc.org/leed, then "Register your Project."

To download LEED-NC v2.2 Rating System: Go to www.usgbc.org/leed/nc.

To purchase the LEED-NC v2.2 Reference Guide: Go to www.usgbc.org, then "Products & Services", then "Publications". Or, you can purchase the hard copy at the Greenbuild Bookstore at the Expo.

Important Dates

- November 14, 2005- First day to register for LEED-NC v2.2
- December 31, 2005 - Last day to register for LEED-NC v2.1

For Other Questions: Email leedinfo@usgbc.org.