

LEED for Homes Green Rater Eligibility Qualifications

You must meet the following eligibility requirements to participate in the LEED for Homes Green Rater Training.

Please check the items which apply to you and sign at the bottom:

Minimum Qualifications:

- High school diploma or GED (*USGBC may ask to see this documentation*)
- 3 yrs. minimum experience in the field of residential construction (eg. HERS rater, general contractor, building inspector, etc.) (*Submit professional letter documenting minimum experience with employer attestation.*)
- Have completed the *LEED for Homes Program Review Webinar Series* (Both parts: Overview and Key Aspects of LEED for Homes and Reviewing Credit Categories are required), or earned the LEED AP Homes designation. Course is available here:
<https://www.globallearningsystems.com/usgbc/webinars/register.php?id=10>
(*Submit certificate of completion of webinar series or equivalent documentation.*)

Required knowledge:

- Understanding of basic green building strategies in each of the primary LEED for Homes credit categories: *Applicant must complete a minimum of 8 hours of education that comprehensively covers residential green building strategies. (Submit certificate of completion of applicable course or equivalent documentation. A LEED AP Homes credential will also fulfill this requirement.)*
- Knowledge of Building Science basics: *Applicant must complete a minimum of 4 hours of education that comprehensively covers the listed topics. (Submit certificate of completion of applicable course or equivalent documentation. Certified HERS raters automatically meet this requirement.)*
 - Building envelope (continuous & contiguous pressure & thermal boundaries that separate conditioned space from ambient or unconditioned spaces)
 - Heat transfer (convection, radiation, conduction)
 - Moisture transfer (diffusion, air-infiltration, capillarity, gravity)
 - Air transfer (infiltration causes such as mechanical systems, wind, stack effect, reverse stack effect that create pressure differences across the building envelope, and holes that allow air to flow to areas of lower pressure)
- Familiarity of residential building industry terminology
- Familiarity of basic green building terminology
- Ability to read and understand plans & specs incl. HVAC
 - Read a scale correctly

- Identify what elements can be found on which drawings (plan view, section view, elevation view)
- Identify the components of an HVAC system (air handler unit, plenum, trunk line, take-offs, refrigerant line, flue pipe, condensate lines, supply ducts, return ducts)
- Familiarity of codes and standards including;
 - ASHRAE 62.2
 - HERS Index (and other regional baselines like Title 24)
 - Other relevant regional standards
- Understanding of regional issues including;
 - Local conditions
 - Local resources
 - Local cost effective tradeoffs
 - Local hazards (radon, earthquakes, safety, durability)

Must have the following skills:

- Computer skills (effectively operate basic operating systems: excel, word, e-mail systems)
- Effective communication
 - Professional approach to verbal and written exchanges
 - Professional client relations
 - Ability to communicate rating system requirements and areas of compliance/non-compliance
 - Thorough reading comprehension skills
- Technical comprehension and ability
- Problem solving
- Project management
- Mathematical
 - Calculate area of rectangle, circle, triangle, trapezoid
 - Calculate volumes for above listed shapes when provided depth
- Ability to move around project site, including tight and hard to access spaces
- Ability to lift moderately heavy items (up to 40 lbs.)
- Photography (ability to take digital photos of LEED measures on project site)

**All major and sub-bullets must be checked indicating all qualifications are met for applicant to pursue the LEED for Homes Green Rater Certificate.*

Submit required documentation, including this form, the 3 items called for on this form and either a completion certificate from the LEED for Homes Program Review Webinar Series OR a copy of applicant's LEED AP Homes credential to greenrater@usgbc.org.

I hereby confirm that I have met all of the aforementioned eligibility requirements:

Signature: _____

Print Name: _____

Date Signed: _____