



GUIDE TO LEED FOR HOMES GREEN RATER ELIGIBILITY QUALIFICATIONS

Updated July 2013

In order to pursue the LEED for Homes Green Rater Certificate and take the Homes 401: Green Rater Training, each participant must meet the following eligibility requirements:

MINIMUM QUALIFICATIONS

1. A high school diploma or GED is required.

You will need to provide: Name of your high school or education institution and year diploma or GED was issued.

2. A minimum of 3 yrs. experience in the field of residential construction is required (eg. energy rater, general contractor, building inspector, etc.)

You will need to provide: Number of years you have practiced in the field and the name and contact info of a Professional Reference that can attest to your experience.

EDUCATION REQUIREMENTS

3. A thorough understanding of residential green building strategies, including energy, water, air quality, location, materials and waste and sustainable site strategies must be demonstrated.

You will need to indicate ONE of the following ways by which you have met this requirement and provide the month and year of completion:

- Have completed the online [Building a Green Home](#) course offered by Resource Dynamics.
- Have earned the [LEED AP WITH HOMES](#) specialty credential.
- Have taken another course on residential green building strategies or have demonstrated application of this knowledge.

4. A thorough understanding of the LEED for Homes Rating System must be demonstrated.

You will need to indicate ONE of the following ways by which you have met this requirement and provide the month and year of completion:

- Have completed the Homes 252: Understanding the LEED for Homes Rating System full-day workshop (workshop is no longer being hosted by USGBC)
- Have completed the [LEED for Homes Program Review Webinar Series](#)
- Have earned the [LEED AP WITH HOMES](#) specialty credential
- Have served as a principle project team member on a LEED for Homes project (Note: project address needed)

5. A thorough understanding of basic Building Science must be demonstrated. Applicant must complete a minimum of 4 hours of education that comprehensively covers the following topics:

- 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, pressure differences across the building envelope, and holes and leaks)

You will need to indicate ONE of the following ways by which you have met this requirement and provide the month and year of completion:

- Be a certified HERS Rater or BPI Professional

- Have completed the following course: [Basic Building Science—a Study of Air, Heat and Moisture Movement](#)- by Energy Center Wisconsin
- Other: I have completed another building science course of a minimum of 4 hours. (Note: Provide title of course)

REQUIRED KNOWLEDGE

6. You will need to confirm that you meet the following knowledge requirements:

- Have familiarity of residential building industry terminology
- Have familiarity of basic green building terminology
- Have ability to read and understand plans & specs incl. HVAC, including;
 - Read a scale correctly
 - Identify what elements can be found on which construction 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)
- Have familiarity of codes and standards including;
 - ASHRAE 62.2
 - HERS Index (and other regional baselines like Title 24)
 - Other relevant regional standards
- Have understanding of regional issues including;
 - Local conditions
 - Local resources
 - Local cost effective tradeoffs
 - Local hazards (radon, earthquakes, safety, durability)

REQUIRED SKILLS

7. You will need to confirm that you have and can demonstrate the following skills:

- Effective communication skills
 - 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
- Adequate computer skills (effectively operate basic operating systems: excel, word, web and e-mail systems)
- Basic technical comprehension and ability
- Problem solving skills
- Effective project management
- Basic mathematical abilities
 - Calculate area of rectangle, circle, triangle, trapezoid
 - Calculate volumes for above listed shapes when provided depth
- Basic photography skills with ability to take digital photos of LEED measures on site
- Ability to move around project site, including tight and hard to access spaces and to lift moderately heavy items (up to 40 lbs.)

SUBMITTING ELIGIBILITY QUALIFICATIONS:

You will demonstrate your eligibility by completing the Green Rater Eligibility Qualification Online Form [here](#). Please only fill out the form once you have decided to register for the Green Rater Training. But first, ensure that you gather all the necessary information to fill out the form completely. You will NOT be able to save and revisit the form once you close it. We hope to be able to provide a 'save' feature in the future.

If you have questions regarding eligibility, e-mail greenrater@usgbc.org