



Field Inspector – Building Diagnostics

Sol design + consulting is looking for a hands-on field professional with high attention to detail to provide on-site inspections, testing, and documentation as part of our green building certification services. Sol is a growing business with learning opportunities and room for advancement.

The position of Field Inspector will work under direct supervision of our Vice President of Energy, and with our Testing & Verification Inspectors. Salary range will vary from \$35K to \$60K commensurate to experience, knowledge, and business development potential. Entry level candidates are strongly encouraged to apply and will be provided with on-job training.

Responsibilities

- Perform on-site building performance testing and inspections in accordance with company standards as well as RESNET standards and/or BPI.
- Conduct energy efficiency tests (air infiltration, HVAC duct tightness, ventilation airflow rates, combustion efficiency and safety, building pressures, etc.)
- Perform field verification of energy/green building features utilizing office-provided procedures, checklist and tools
- Meticulous attention to completeness of inspections, recording and documenting all findings via clear photos and reports
- Read construction drawings and specifications to verify/coordinate energy/green building features
- Travel 3-4 days per week within 100 mile radius, and longer distance with overnight travel about one night per week
- Ensure appropriate materials and equipment are brought to job site to adequately complete home performance testing
- Evaluate own work for errors, omissions and workmanship problems
- Cleans and maintains company-issued equipment daily
- Maintain record of material and time used on each job, and report bi-weekly
- Follow all safety rules set forth by company and governmental regulatory agencies and ensures that hazardous conditions are reported and corrected
- Other duties as assigned to meet Testing & Verification needs of the office

Qualifications

- Degree in Building Science or equivalent experience in construction trade, such as HVAC, electrical, insulation or carpentry
- 1-3 years or more of experience in construction or energy rating is preferred.
- Knowledge of HVAC systems and any appliances is preferred.
- Knowledge of framing, insulation installation is preferred.
- Experience operating test equipment (preferably blower doors, thermal imaging cameras, CO meters, duct blasters, etc.)

- Aptitude for interpreting architectural drawings and construction specifications
- Ability to effectively communicate technical and program concepts in written and verbal form to builders
- Computer software fluency - Microsoft Excel & Word; navigate online project workflow tool; use smart-phone app for field verification
- Excellent organization and time management skills
- Basic math skills, including geometry
- Must have good analytical skills and problem solving abilities
- Ability to: lift in excess of 75 lbs.; climb ladders; follow safety awareness and protocols
- Ability to work in small spaces (i.e. attics, crawl spaces)
- Must possess valid driver's license, good driving record and provide proof of current automobile insurance
- Ability to work both independently and as part of a team
- Passion for buildings and energy efficiency

About Sol design + consulting

Sol design + consulting specializes in energy efficiency and green building certification services for multifamily and commercial developers, owners, builders, and architects. Sol provides comprehensive green building services: certification guidance and documentation, energy modeling, testing and verification. We are a LEED for Homes Provider and work in ENERGY STAR, Enterprise Green Communities, NAHB National Green Building Standard, Passive House, Living Building Challenge, and other state and local green certification programs.

The Sol team is a diverse group of architects, energy specialists, and construction professionals, committed to excellence in green building, and bringing value to our projects. Our key point of differentiation is over 30 years of professional design and construction experience we bring to green building consulting.

Sol has completed more than 500 certification projects in 20 states and internationally. You can learn more about us at www.sol design consulting.com.

Next steps

If you meet the qualifications listed above and think you might be a good fit for this position, please send the following materials to info@solconsults.com:

- Your resume
- A professional writing sample (1-3 paragraphs) in your email body about what attracts you to this position and how you think you will benefit our firm
- At least two professional references