

Bring your passion, expertise, and experience to IBTS, where we appreciate and are committed to our employees. We offer outstanding benefits, growth opportunities and work hard to maintain a culture that values our employees.

The Institute for Building Technology and Safety (IBTS) is a 501(c) (3) non-profit organization that was established to provide unbiased professional building code compliance services, while enhancing the communities in which we work. At IBTS, our mission is to deliver quality services to meet the challenges of governance at all levels while enhancing public safety, economic development, and the general welfare of the community. Our services include Building and Community Development, Energy and Sustainability Services, Disaster Planning and Recovery, Quality Assurance, as well as Compliance and Risk Monitoring.

IBTS is headquartered in Ashburn, VA, with additional offices in Louisiana, Missouri, New York, Oklahoma, Texas and Washington, DC.

We are committed to building a community of experts with diverse backgrounds, disciplines, and perspectives who are passionate about our mission. IBTS is proud to be an Equal Opportunity and Affirmative Action Employer that is committed to hiring a diverse and talented workforce. S3 Residence, disability, and veterans encouraged to apply. Explore the opportunities!

Residential Solar QA Inspector performs quality assurance inspection services and reporting of residential solar system installations to ensure compliance with product manufacturers' installation instructions, building/electrical/mechanical/plumbing codes and standards, and industry best practices.

A person in this position is expected to demonstrate (a) expertise in quality assurance systems, preferably with a strong knowledge of Photovoltaic (PV) technologies and installation practices; (b) knowledge as to the application of corresponding building, electrical and fire codes; (d) professionalism in customer relations with all levels of clients and coworkers, (c) the ability to work effectively with a diverse group of stakeholders, and the ability to successfully complete projects on time and within budget.

- Schedule and perform Solar QA inspections as assigned by IBTS
- Ensure that inspections are performed within turnaround times as determined by IBTS.
- Perform quality assurance inspections/audits of residential solar system installations.
- Inspect properties and materials for compliance with plans, specifications, and manufacturers' requirements.
- Document the audit with a full photo taken to illustrate all findings on-site, and provide descriptions of any issues which have noted deficiencies and require corrective action. Complete applicable inspection forms and submit along with photos within 3 days of inspection completion.
- Maintain data on residential PV products, installation instructions, test methods, and other documents as deemed appropriate for the work. Must stay continually educated in solar product changes and code requirements.
- Participate in training and monthly meetings as provided or directed by IBTS to educate inspectors on expectations to perform assignments. Obtain and maintain certifications/licenses as offered by IBTS.

#### REQUIRED

- Must have a valid Driver's License and reliable vehicle transportation
- One of the following is required: NABCEP Certified PV Installer -OR- IBEW Journeyman –OR- UL PV Installer Certification –OR- Professional Engineer -OR- Licensed Electrician
- Excellent organizational skills and attention to details.

- Own and be able to operate with efficiency and ease: cell phone, digital camera, and computer with internet access (preferably PC).
- Able to communicate effectively and professionally with homeowners, business owners, PV installation contractors, and IBTS management team.
- Own (or be willing to acquire them immediately) and be able to operate basic tool set.
- Maintain any relevant certifications and/or licenses that are required by your local jurisdiction for carrying out assigned tasks.

#### PREFERRED

- Combined 3 years or more experience in design or installation of electrical systems and/or inspection of residential electrical or solar electrical systems.
- Extensive knowledge of applicable codes, standards, and trade practices.
- Working knowledge of reading plans, specifications, and product manufacturers' installation instructions.

#### EDUCATION/EXPERIENCE REQUIREMENTS

##### REQUIRED

- High school diploma or GED.
- Basic entry-level coursework in solar photovoltaics or minimum 6 months experience in the solar electrical industry or related construction employment.
- OSHA 10-hour certification training.

##### PREFERRED

- 3 years construction and/or inspection experience.
- 3 years' experience in Solar PV installation, design, or inspection services.

##### PREFERRED LICENSE OR CERTIFICATION

- NABCEP Certified Installation Professional.
- International Code Council (ICC) certification as a Residential Electrical Inspector.
- License as a General / Electrical Contractor or license/certification as a solar system installer.

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