

**Company Name:** Institute for Building Technology and Safety  
**Job Title:** Solar Inspector  
**Job Location:** Haganrna, Guam

**Additional Information:**

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. Explore the opportunities.

The 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, with a strong knowledge of Photovoltaic (PV) technologies and installation practices; (b) knowledge as to the application of corresponding building, electrical and fire codes; (c) professionalism in customer relations with all levels of clients and coworkers, (d) 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 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 and ST 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 bimonthly meetings as provided or directed by IBTS to educate inspectors on expectations to perform assignments. Obtain and maintain certifications/licenses as offered by IBTS.
- Extensive knowledge of codes, standards, and trade practices.
- Working knowledge of reading plans, specifications, and product manufacturers' installation instructions

**For PV Installations:**

- Licensed Electrician or Certified Electrical Inspector or equivalent.
- Combined 3 years or more experience in design, installation, and/or inspection of residential electrical systems with a significant emphasis on PV systems.
- Must have a valid Driver's License and vehicle transportation
- Own digital camera and computer with internet access (preferably PC)
- Ability to communicate effectively with homeowners, business owners and PV installation contractors.
- Excellent organizational skills
- Maintain relevant certifications and licenses for carrying out assigned tasks

**Required Experience:**

- 3 years construction and/or inspection experience required (or equivalent experience)
- 3 years of experience in Solar PV installation, design, or inspection services (or equivalent experience)

**Education Requirements:**

- High school diploma or equivalent required
- Knowledge or OSHA 10-hour certification training (desired)

**License or Certifications:**

- NABCEP Certified Installer or NABCEP Entry Level (preferred)
- International Code Council (ICC) certification as a Residential Electrical Inspector (preferred)
- License as a General Contractor, a Solar System Installer, and/or Certification in other building trades.

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