

Company Name: Institute for Building Technology and Safety

Job Title: Solar Inspector

Job Location: Charleston, SC, US, 29401

Contact Information: <http://www.Click2apply.net/th4h8fb2svq2t7zz>

Additional Information:

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; (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 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.
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- Must have a valid Driver's License and vehicle transportation
 - Excellent organizational skills
 - Own digital camera and computer with internet access (preferably PC)
 - For PV Installations:
 - Licensed Electrician, 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.
 - Extensive knowledge of codes, standards, and trade practices.
 - Ability to communicate effectively with homeowners, business owners and PV installation contractors.
 - Maintain relevant certifications and licenses for carrying out assigned tasks
 - Working knowledge of reading plans, specifications, and product manufacturers' installation instructions

EDUCATION REQUIREMENTS

- High school diploma or equivalent required
- 3 years' construction and/or inspection experience required (or equivalent experience)
- 3 years' experience in Solar PV installation, design or inspection services (or equivalent experience)
- Knowledge or OSHA 10-hour certification training desired

LICENSE OR CERTIFICATION PREFERENCE

- NABCEP Certified Installer or NABCEP Entry Level (preferred)
- International Code Council (ICC) certification as a Residential Electrical Inspector (preferred)
- License as a General Contractor, license/certification as a solar system installer and/or certification in other building trades is optional and may be used demonstrate equivalencies.

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