



Position responsibilities of a photovoltaic panel quality inspector

Why do we need a solar panel quality control inspection?

The solar power industry has been experiencing a huge boom in the wake of the Covid-19 pandemic, leading to a growing demand for solar panels, or photovoltaic panels - and as a result of this, there has also been an increase in the need for solar panel quality control inspection.

How can a third-party inspector help the solar panel manufacturing industry?

Performing quality control for the solar panel manufacturing industry requires a critical eye, and third-party inspectors can bring valuable insight to the process.

What factors should be included in a solar panel inspection?

The inspection generally includes factors such as: Visual Inspection: Visual inspection of solar panels includes checking for visible defects, such as cracks, discoloration, scratches, or dents on the solar module, as well as any abnormalities in the framing or glass, junction box, and wiring.

Why is quality control important for solar energy projects?

To ensure investor trust and the robustness of solar system projects in the long run, it is critical that best practices for PV system installation and operation be established. When constructing large-scale solar energy projects, quality control (QC) is essential.

What are the different types of QA/QC inspections for solar power projects?

Typically three different types of inspections occur during QA/QC processes for solar power projects: pre-production, post-production, and audit & production monitoring.

Why should you choose HQTs for solar panel testing?

HQTS has over 25 years of experience in industry-leading quality control for various industries, including solar panel testing. We provide rigorous testing and ensure organizations run safely and efficiently and are up-to-date with the latest regulations. To learn more about this, contact us today.

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