

## RECRUITMENT ADVERTISEMENT

### Technician: Photovoltaic Inspection – Job\_PVi\_03-21

**PVinsight (Pty) Ltd** is a private company based in Port Elizabeth that has spun-out of the Photovoltaics Research Group (PVRG) of the Department of Physics at the Nelson Mandela University. It is the primary objective of PVinsight is to provide pre-installation testing services to verify and validate the module and device specification promised by manufacturers, post-installation field testing and troubleshooting to optimise configuration and output, ongoing module degradation analysis and related consultancy services.

PVinsight has an opportunity for a technician to join the team. This position is based in Port Elizabeth but requires the candidate to be in the field at least 1-2 weeks per month – this may include international travel (mainly in Africa). The successful candidate must be enthusiastic, like working outdoors, love a challenge and have a practical approach to problem solving.

**Position:** On-site Technician

**Salary Range:** R 10 000 – R 20 000 per month (CTC)

**Location:** Based in Port Elizabeth, South Africa

#### Job Description:

- Assisting with laboratory testing of PV modules, including Power measurements, imaging using different techniques, visual inspection and electrical insulation testing.
- Performing onsite PV tests including Power measurements and imaging techniques.
- Perform pre-onsite equipment checks and preparation of equipment for onsite projects.
- Perform routine equipment checks and maintenance.
- Assist with sample receiving and handling.
- Assist with reference sample control in laboratory.

#### Minimum requirements:

- National Certificate/National Diploma (T3/N6), National Diploma in Electronic, Mechatronic Engineering (a BTech Degree is not required) or any other relevant qualification.

- At least 2 years of work experience
- Good English proficiency
- Valid Driver's License
- South African Citizen or Permanent Resident
- Own transportation
- Good health
- Hands-on and practical

**The following will be beneficial but not a requirement:**

- Previous experience with PV systems
- Previous experience with PV test equipment
- Previous Forklift Driver's experience or valid license.

**Applications without the following information will be rejected:**

- Completed Applicant Summary (see next page)
- Detailed CV and Academic records
- At least two references (with main and alternative contact numbers and email address) – more than two references are preferred
- Details on work experience (including holiday or casual work)
- Salary expectation

**Who should not apply?**

- Candidates that do not meet the minimum requirements.
- Candidates that are seeking a management or office-based position.
- Candidates that cannot work independently and without supervision.
- Candidates that are not based in Port Elizabeth (or willing to relocate).

**Who should apply for this position?**

- Young technicians that are looking for a career change and to join a small and energetic company that provides services in the fast-expanding field of Solar Energy.
- Candidates that enjoy travelling and working in remote locations and who can work independently. This position requires the candidate to be in the field at least 1-2 weeks per month.
- People with an eagerness to learn and who are self-motivated.

**Application procedure:**

- Send the filled in “Applicant Summary” and all supporting documents to [applications@pvinsight.co.za](mailto:applications@pvinsight.co.za) with the following email subject: PVi03-21.
- Please attach a detailed Curriculum Vitae (including academic results) accompanied by a covering letter stating how you as applicant meet the selection criteria.
- **Closing date:** we typically keep the application open until we find a suitable candidate. If this advert is on our website, the application is open.

***PVinsight reserves the right not to make an appointment.***

***PVinsight will respond to all short listed candidates. Candidates who have not been contacted within four weeks of submitting your application can assume that their applications have been unsuccessful. We typically receive a large volume of applications and cannot respond to each application individually.***

## **Technician: Photovoltaic Inspection – Applicant Summary (JobPVi03-21)**

Please complete this application, in addition to your complete CV. An application without this page will be rejected.

<b>Full Names:</b>	
<b>Date of Birth:</b>	
<b>Address:</b>	
<b>Driver's Licence (Indicate Type e.g.A1, C1, etc. and date obtained):</b>	
<b>Do you have a car? (Y/N)</b>	
<b>Highest Qualification:</b>	
<b>Date studies commenced:</b>	
<b>Date and month studies were completed:</b>	
<b>Will you be able to travel frequently? (Y/N)</b>	
<b>Salary expectation:</b>	
<b>Salary at current/previous employment:</b>	
<b>Work experience (years):</b>	
<b>Language proficiency (English, Afrikaans, Xhosa etc.) –specify level.</b>	
<b>Technically inclined? (Y/N) - If Yes, give examples of side-line projects</b>	
<b>PV system knowledge (provide detail)</b>	
<b>Skills learnt to date that will be beneficial to this position:</b>	
<b>Write a short motivation why you would be a good candidate for this position:</b>	
<b>Hobbies</b>	