

Petra Diamonds Limited is one of the world's leading suppliers of rough diamonds and one of the largest independent diamond groups by resource. It's a polished diamond we're after for this role - an individual that clearly outshines his/her peers:



**PetraDiamonds**

| PETRA DIAMONDS SA (PTY) LTD



## Senior Artisan: Mining Systems - Internal and External

Petra Diamonds is a leading independent diamond mining group and an increasingly important supplier of rough diamonds to the international market.

The position will be based in Cullinan.

**Reference Nr:** PDSA256

**Job Grade:** C3

**Role Purpose:** Reporting to the **Manager: Technical Systems Development**, this role will be responsible for the installation, maintenance, fault finding and repair of Electronic systems implemented in the mining environment / C & I discipline according to sound engineering practice and equipment specifications.

### Responsibilities:

- Provide subject matter expertise and skills in area of responsibility; advising on solutions to enhance or ensure the effectiveness of the department/section.
- Identify spares requirements and order according to departmental procedures.
- Develop, modify, construct and install related equipment required for the safe operation of all engineering equipment.
- Conduct regular safety inspections and initiate corrective action if necessary.
- Investigate, diagnose and perform trade related maintenance and repair of equipment and machinery according to the maintenance requirements.
- Report all defects and breakdowns on equipment and machinery to the supervisor.
- Reports faults and unsafe conditions to the Central Control Room.
- Responsible for the management of consumable stock levels (amongst others, spares and hydro carbons).
- Assist Foreman in executing his/his duties as and when required.
- Conduct planned task observations.
- Perform standby duties and attend to breakdowns.
- Communicate with clients and supervisors to inform on maintenance activities performed and re-start of equipment.
- Assist the engineering teams when setting up project plans.
- Strip, analyse and inspect failures to determine root cause and prevent recurrences.
- Conduct on-the-job training for allocated apprentices.
- Establish and maintain good working relationships and effective / sound communication systems within the Engineering Function and operation.
- Take cognisance of and adhere to Company policies, procedures and relevant legislation. Manage and report on non compliance issues.
- Comply with legal and Mine safety standards and procedures in all work performed according to the Mine Health and Safety Act.
- Model behaviour that is consistent with the Company Vision and Values. Manage and report on non compliance issues.
- Perform risk assessments (Mini) and participates in risk assessments (Activity based).
- Provide Input to risk assessments, safe work procedures and Planned Task Observations, monitor, train and implement all codes of practice, policies, procedures, risk assessments and standards and ensure all are in place for the effective management of safe working conditions in terms of related area of responsibilities and legal requirements.
- Effective Team Player and Effective Self-Management.

### Minimum Requirements:

- Grade 10 and N3
- Trade Certificate (Electrical, Auto-electrical, Automotive-Electrician, Millwright trade) through a recognised institution and apprenticeship. \*\*
- Experience in an Underground and or Surface Trackless Mining environment as applicable.
- Experience in:
  - On-board TMM data collection and control systems
  - MS SQL server , SSRS, MS-Server
  - Installation & commissioning of underground Wi-Fi and Fibre networks

- Ventilation Monitoring (Air flow, CO and smoke detection, etc.).
- Under-ground Asset tracking.
- Remote Blasting Systems

- Computer Literacy and Microsoft Office Suite
- Valid driver's license

**\*\* Candidates holding a QCTO (Section 26D) Trade Test, where the learning route is not specified on the Certificate, must submit the following: Statement of results issued by an accredited MQA trade test centre as well as evidence of training conducted at a technical training centre (e.g. Portfolio of Evidence, Logbooks). Should these documents not be submitted, the application will not be considered. Candidates holding S28 Trade Test certificates from non-Mining Sector centres will not be considered.**

#### **Advantage:**

- Grade 12 / NQF Level 4
- 3 years' experience in an Underground and or Surface Trackless Mining environment
- Supervisory Development Programme (SDP) or equivalent.

#### **Technical Competencies:**

- In-depth knowledge of the following systems:
  - TMM related CAN bus systems
  - Proximity Detection Systems (PDS).
- Detect faults and identify trends and report to ensure action to minimize losses or downtime.
- Know and adhere to safe work procedures.
- Have knowledge and skill to complete job cards and record actions/findings.
- Have knowledge and skill in reading and interpreting technical diagrams, manuals and drawings.
- Identify the tools, spares and equipment required for work activities.
- Have knowledge to identify and prioritise critical tasks to be executed during planned shutdowns.
- Respond and attend to breakdowns timeously and effectively to ensure minimum downtime and production losses.
- Do Planned Maintenance on equipment according to OEM specifications and safe working procedures.

#### **Behavioural Competencies:**

- Planning and Organising; Decision Making; Earning Trust; Communication; Continuous Improvement; Safety Focus; Customer Orientation; Valuing Differences; Initiating Action; Managing Relationships.

**Petra Diamonds is an equal opportunity employer. Preference will be given to suitable candidates from the designated groups who meet the criteria in line with the Company's Employment Equity Policy and Plan. Pre-screening, profile testing, on mine assessments, medical and security clearance form part of the recruitment and selection process. Short listed candidates will be required to attend a panel interview. Employment of the successful candidate is subject to the aforementioned criteria. Preference will be given to candidate who live in the Labour Sending Area.**

*If you are already employed by Petra Diamonds, please submit an authorised Internal Application Form, your résumé, qualifications and ID when applying.*

**External candidates, please complete an application form (available on <http://www.petradiamonds.com/careers/current-vacancies>) and forward, together with your résumé, qualifications and ID, to: **e1-recruitment@petradiamonds.com** by close of business **29 May 2022**.**

**Please note, applications must be sent to the correct e-mail as indicated. Incomplete application forms and documentation will not be considered.**

**Correspondence will be limited to short-listed candidates only. Petra Diamonds reserves the right not to fill this position.**

If you have not heard from us within 30 days of the closing date, please regard your application as unsuccessful.

**Please note that Petra Diamonds does not at any time require any form of payment for recruitment purposes. If you are approached in this regard, you should report the incident immediately to your local SAPS or via one of the following hotlines:**

**Toll Free: 0800 007 247; Phone Call: +27 31 571 5573; Fax: +27 31 560 7395; Email: [totheline@tip-offs.com](mailto:totheline@tip-offs.com); Post: KZ 138, Umhlanga Rocks, 4320; Website: [www.tip-offs.com](http://www.tip-offs.com)**

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<http://www.petradiamonds.com/careers/current-vacancies>