

Daniël Petrus Taljaard

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SUMMARY OF SKILLS

- Over 10 years of experience in building, maintain and upgrading electrical systems including electrical apparatus and components
- Strong background in low to high voltage (up to 400kv) electrical equipment
- Proven skills in working precisely according to blueprints with a safety-first mindset
- Demonstrate ability to satisfy clients in delivering excellent customer service by meeting tight deadlines, working in a team, plan accordingly, solve problems and willingness to keep up with new developments
- Professional communication skills include fluency in English
- Computer skills include: - MS Office, internet and email

ACCOMPLISHMENTS

- Awarded the biggest substation contract in South Africa in 2014 which I am about to successfully hand over. Please see <https://www.concogrp.com/sebenza-biggest-substation-in-sa-in-10-years/>
- Awarded the first solar plant containers contract (Jasper), serving as mini-substations, in South Africa in 2013. Please see <https://www.solarreserve.com/en/global-projects/pv/jasper>

PROFESSIONAL EXPERIENCE

Electrician – Self-employed

2003 to date

DT Power Construction, South Africa

- Installation of high voltage power systems
- Installation of switchgear, transformers and cabling
- Safety procedures to access high voltage environments and equipment
- Installation of insulated breakers and switchgear
- Inspecting electrical systems, equipment, and components to identify hazards and defects;
- Diagnosing and repairing malfunctioning electrical systems, apparatus, and components;
- Using test equipment and hand tools to locate the cause of breakdowns and correcting the problems;
- Reading and interpreting electrical, mechanical and architectural drawings to determine wiring layouts;
- Planning sketches, layout and install equipment and fixtures based on job specifications;
- Designing control panels and installing circuit power distribution;
- Delivering daily updates at morning meetings to communicate electrical instrumentation and/or equipment and control availability issues/actions;
- Following up on daily electrical installation and maintenance repairs to ensure all relevant components will be completed as planned;
- Establishing methods to meet work schedules and coordinating work activities with other project supervisors or managers;
- Monitoring and evaluating electrical instrumentation, controls and equipment operating procedures to minimize failures and downtime;
- Recommending changes to installations and/or electrical maintenance procedures when deemed necessary or appropriate;
- Maintaining electrical systems by conducting system tests and completing preventive maintenance requirements;
- Maintaining a safe work environment by following established codes, standards and operating procedures;
- Testing electrical systems and continuity of circuits in electrical wiring, equipment and fixtures, and using testing devices to ensure compatibility and safety of system;
- Coordinating work assignments/projects in a timely manner to meet project deadlines;
- Preparing time estimates for work orders and jobs to optimize resource allocation; and performing other duties and responsibilities to support the successful operation of the company

EDUCATION, QUALIFICATIONS AND CERTIFICATIONS

- 2018: IP Red Seal – Construction Electrician, *ITA, Vancouver, British Columbia, Canada*
- 1989: Completed 2nd year post secondary Electrical Engineering certificate as per assessment from *World Education Services, Toronto, Canada*
- 1988: Completed 1st year post secondary Electrical Engineering certificate as per assessment from *World Education Services, Toronto, Canada*
- 1985-1989: Completed 4-year electrical apprenticeship at *Carltonville Technical College, Carltonville, South Africa* qualifying as an electrician in 1990.

REFERENCES

- Available Upon Request