## *Curriculum Virtue*

## *Of*

## *Mkhululi*

***Personal summary***

*A highly efficient, hardworking electrical engineering technician with commitment to develop innovative and creative electrical engineering solutions. A competent electrical technician with five years journeymen experience with a comprehensive knowledge of installing, maintaining and repairing electrical systems to required specifications, focusing on quality safety and reliability. Having a comprehensive understanding of electrical health and safety regulations.*

***Personal details***

*Gender male*

*Marital status single*

*Date of birth 1988/10/28*

*Languages English and Ndebele*

*Nationality Zimbabwean*

*Email address* *mkhululi@2freemail.com*

***Work experience***

***National Railways of Zimbabwe (2012)***

*Position trainee electrician*

*Duties*

* *Assembling and de-assembling traction motors and alternators*
* *Wiring, maintaining and servicing ac motors and starter circuits*
* *Yard lights maintenance (replacing, rewiring lighting circuits).*
* *Substation maintenance (clearing surroundings and changing silica gel)*
* *Installation and maintenance of ac and dc motors and their accessories(predictive, preventive and reactive maintenance)*
* *Fault finding, maintenance and servicing of electrical installations and equipment for correct operation.*

***United refineries limited (2013 – 2015)***

*Position electrician*

*Duties*

* *Conducting daily and periodically inspection to monitor the plant condition*
* *Completing plant inspection checklist and liaising with maintenance coordinator to review priorities*
* *Installation of new machinery and systems (designing and wiring starter circuits)*
* *Programming PLCs and attending faults relating to them*
* *Working on standby and overtime*
* *Troubleshooting and ensuring general house keeping*
* *Doing predictive, pro-active and preventive maintenance*

***Fast move electrical (2016-2017)***

*Position electrician*

*Duties*

* *Installation, wiring and assembling main and submain distribution boards*
* *Installation and maintenance of domestic, commercial and industrial installations (tubing, wiring and cables) from incoming mains to complete final circuits*
* *Wiring and connection of all circuits in domestic, commercial and industrial installation*
* *Wiring and connection of all type of lights, socket outlets circuits, stoves, geysers water cylinders, pumps, air conditioning circuits and industrial machines.*
* *Installation, maintenance ofsingle phase and three phase motors and starter circuits.*
* *Testing of installations, performing daily inspections and maintenance of electrical equipment.*
* *Studying and understanding electrical schematics*
* *Using hand and power tools to locate the cause of breakdown and correct the problem.*
* *Assist in performing and interpreting power calculations, power factor, insulation resistance tests and positive relay tests as required*

***Key skills***

* *Highly motivated and organised*
* *Good technical and analytical skills*
* *Good fault-finding skills*
* *Able to explain technical data to juniors and non-technical colleagues*
* *Able to work without supervision*
* *Ability to read construction and schematic diagrams and work from them*
* *Computer skills*
* *Able to use AutoCAD software*

***Academic qualifications***

*Highest qualifications Electrical Power Engineering*

*National diploma 2015*

*National certificate 2013*

*Journeymen electrician 2013*

*References – available on request.*