



www.apionzambia.com

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Closing Date: 21/10/2021

POSITION:

ELECTRICAL ENGINEER

QUALIFICATIONS:

Bachelor degree in Electrical Engineering from a recognized university with a minimum of two years industry experience.

JOB DESCRIPTION:

Possession of the necessary skills, including CAD services and electrical designs and high professionalism required to deliver a variety of projects to the highest standards as defined in latest wiring regulations, BS7671:2018 or Zambia's Energy Regulation Board (ERB) wiring standards.

Design and installation of all types of HV/LV infrastructures inclusive of lighting, power & distribution systems for new residential houses, commercial offices and industrial plants and manufacturing capital.

Able to design and complete M&E turnkey service inclusive of installing plant, machinery & various types of industrial equipment wiring, including HVAC.

Knowledge of distributed control system I/O cabling, and associated earthing and bonding, as well as lighting installation

Experience at installation of motor control centres, cabling for motors and motor controls, Installation of process control sensors, actuators and analytical devices and associated cables, etc

Carry out scheduled periodic inspection and testing of fixed wiring and various types of fire alarm & emergency lighting systems.

Design reactive maintenance strategies and bespoke electrical solutions tailored to suit a variety of manufacturing & productivity processes, including customized panels and Instrumentation installation.

Demonstrate experience with Security & safety systems such as fire, CCTV, access control & wireless automation.

Knowledge of carbon reduction strategies such as LED lighting, implementation of inverter drives and voltage optimization, solar panels

Knowledge of Installation of data networks in Cat5, Cat5e, Cat6, single mode and multi-mode fibre optic will be an added advantage.

APPLICATION:

Send your application cover letter, copies of professional certificates and your membership to apion.zambia@gmail.com