

Adura Duncan Obindi

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NATIONALITY: Kenyan
DATE OF BIRTH: 19th Jan 1991.
LANGUAGES: Written and spoken English and Swahili.
GENDER: Male
ID NUMBER: 28006008
MARITAL STATUS: Single
RELIGION: Christian

CAREER OBJECTIVE

Highly dedicated and reliable Graduate Engineer and ERC class C1 installation licensed and T3 solar candidate with excellent project management abilities, trained QMS and EMS internal auditor. Able to maintain strong and positive professional relationships with both superiors and subordinates. Adept at adjusting work pace to accommodate emergencies or changing client needs.

- Electrical Engineer with strong bias to maintenance, energy management and automation.
- A strategic thinker with appropriate optimization skills, always seeking for new opportunities presented by the emerging technologies and able to make solid business cases that inspire others to mobilize resources and invest in the future for the benefit/ profitability of the organization
- Excellent managerial and organizational development skills with the ability to provide overall focused, strategic leadership and direction aimed at creating a high performing and quality-oriented team and culture

PERSONAL QUALITIES

- Good organizational skills
- Quick Learner
- Hard working
- Responsible and sincere
- Excellent communication and interpersonal skills.

EDUCATION BACKGROUND

PERIOD	INSTITUTION	COURSE	GRADE
2010-2015	Masinde Muliro University of Science and Technology	Bsc. Electrical and Communications Engineering (power option)	Second Class Honors
2014	Global Health eLearning center	Data use for program managers	Certificate
2005-2008	Nyang'ori Boys High School	Kenya Certificate of Secondary Education	B
1997-2004	Chandugunyi Primary School	Kenya Certificate of Primary Education	360 marks

EXPERIENCE

Maintenance Engineer

Wartsila Eastern Africa

Operation & Maintenance Contract for the Kipevu II Tsavo Power 75MW and KenGen 117MW Thermal Plants

Jan 2018 to date

Duties and Responsibilities: In charge of a team of technicians and casual staff during major planned and unplanned maintenance of 18V38 and 18V46 Wartsila Engines and 11KV ABB generators

- Prepare daily, weekly, monthly and quarterly reports on maintenance requests
- Confirm job scope is followed and documented
- Performing routine preventive maintenance on generating sets and auxiliaries
- Carrying out inspection of transformers and switch gear to ensure that they are in top operating condition
- Trouble shooting faults in engine control systems including PLCs, relays, automatic voltage regulators and electronic governors and sensors
- Performing unscheduled service of engine instruments; rectifying signal faults in temperature sensors, lube oil and fuel pressure sensors, troubleshooting causes of engine trip and servicing of faults in the generator
- Servicing of motors: changing worn out bearings, oil seals and fans
- Maintenance of the fire protection system including trouble-shooting and servicing faults, installation of manual call points, flame and smoke detectors.
- Participating in fire drills as a member of the emergency response program fire team
- Calibration of the gen-set and transformers protection relays and rectifying any faults in the protection system
- Performing internal audits of both the quality and environmental management systems within the plant to ensure all activities adhere to these standards

Projects Engineer

Schneider Electric

Energy and Infrastructure Projects Execution Centre.

05/01/2017 to 30/12/2017

In charge of sub contractors, technicians and casual staff during the Installation, Testing and Commissioning of The Bidco Industrial Park 66/11KV 15MVA Substation and associated LV works.

- Managed communication between Schneider Electric France and Nairobi offices, Bidco Africa and Kenya Power on updates concerning work progress
- Preparing activity reports and inspection schedules
- Substation design and material estimation
- Assist in configuring of Sepam and Micom relays
- GIS and Premset assembly testing
- Substation automation and protection
- Coordinate and assist in installation and testing of substation equipment
- 12.5MVA/15MVA transformer assembly oil filling and filtration
- Analyzing protection panels, transformer and equipment drawings to come up with cable schedules for ease of cable termination
- Assisting in setting of relays and calibration of 66KV and 11KV switchgear
- Ensuring safety practices at site and abiding by all rules and regulation set by the company.
- Assembly and Wiring of LV and HV Switch Boards
- Installation of the battery room and the charging system
- Trouble shooting of electrical systems on site with the Technical Support Services team
- Assisted in SF6 filling for the circuit breakers

Maintenance Engineer

Rabai Power Plant(Intermittent contracts)

25/7/2015 – 30/12/2016

- Planned electrical maintenance service of 17.5MW Wartsila 18V46 engine
- Electrical maintenance duties on medium and low voltage equipment
- 11KV ABB Generator inspections and maintenance
- Fire system periodic maintenance and troubleshooting
- Steam turbine Generator inspection and maintenance
- Motor service and maintenance
- Variable speed drives(VSD) controller service and trouble shooting
- Electrical instrument controllers using pneumatic or electrical actuators
- Trouble shooting of Programmable Logic Controllers (PLCs)
- Plant conditioning service and maintenance
- Plant lighting system installation and maintenance

Instrumentation Engineers East Africa

Projects Engineer

May 2016 to October 2016

I was in charge of a team of Technicians on a Maintenance Contract for The Nairobi Hospital Steam line and Calorifiers and Brookside Dairy Steam line Rerouting Projects

- Coordinating of installation, commissioning, operations and servicing of both steam and hot water boilers, incinerators, calorifiers, steam containers and receivers and steam line accessories
- Examining permits and inspection records to determine the inspection schedule and remedial actions to conform to procedures and regulations
- Ensuring Health and Safety Standards are adhered to.

Intern

Kenya Power

Central Rift Region

1/5/2014- 30/8/2014

- Ensured adherence to all facility safety precautions and procedures.
- Assigning and allocating projects to L & T contractor as a process a process of award of tenders to construct power lines.
- Preparation and modification of Stores Transaction Forms in DCS (Design and construction System) in the IT system.
- Preparation of Bill of Quantities (BQs) and award letters
- Generation of statements for invoicing by the service providers
- Field inspection, shut down and customer care services for 415v, 11kv, 33kv and 66kv lines and associated equipment.
- General Customer Correspondence.
- Data Entry in Customer Registration Interface (CRI) System.
- Booking of materials in DCS System.
- Commissioning of completed schemes in DCS System.
- Management and scheduling contracted jobs

Attachee

Power Technics Ltd (Schneider Electric)

Nairobi, Kenya.

01/06/2012 - 30/08/2013

Involved in the installation, testing and commissioning of the Embu East 33/11KV substation

- Involved in the setting up of SCADA at Embu East Substation
- Assembly and Wiring of Control Panels
- Assembly and Wiring of LV and HV Switch Boards
- Assembly of Distribution Boards and Consumer Units
- Substation design and layout
- Quality control
- Trouble shooting of electrical systems on site with the Technical Support Services team

HOBBIES

- Travelling
- Charity work
- Swimming

REFEREES

1. Mr. Josephat Omware
Shift Engineer
Rabai Power Plant
0719865834
2. Amos Tungwa
Grid Expert
Schneider Electric
0720962883
3. Eng. Zack Magomere
Regional Manager
Rural Electrification Authority
0722677975