

CAREER OBJECTIVE

- An inquisitive, creative and result oriented professional with excellence in engineering field and argumentation of core skills required for effective delivery of product.
- Ability to diagnose any kind of faults arising and offering necessary solution.

BIOGRAPHICAL DATA

NAME

Language

Address

Cell phone

E-mail

RODNEY N RADIDO

English and Kiswahili

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QUALIFICATIONS

EDUCATION

YEAR	INSTITUTION	QUALIFICATION
2009 – 2011	Railway Training Institute	Diploma in Mechanical Engineering (Plant option)
2004--2006	Technology Development Centre	Certificate in Mechanical Engineering (Production Option)
1998 – 2001	Bishop Philip Secondary School	KCSE (Kenya Certificate of Secondary Education)

PROFESSIONAL TRAINING

YEAR	INSTITUTION	QUALIFICATION
2016	Agakhan University Hospital	Machine maintenance And Service Induction in Fire Safety And Personal Protective Equipment(PPE)Compliance
2016--2017	EABL(East African Brewery Limited)	Trained In personal safety (Zero Harm Tolerance)
2013	Montech College	Arch-CAD Certificate(Proficient in Architectural Computer Aided Drawing Designs)
2007	Nairobi Institute of Computer Science	ICDL Certificate (proficiency in MS- OFFICE) and Social Media)
2008	Nairobi Institute of Business Studies	Mechanical Auto –CAD Certificate(Proficient in Computer Aided Drawing Design)
2005	Kenya Railways Corporation (KRC)	Kenya Railways Central Workshops

WORK EXPERIENCE

Date/Position/Employee	Duties/Responsibilities
Sep. 2020 – Present Plant Technician Canon Chemicals Industries	Currently working with canon chemicals industries as a mechanical plant technician : <ul style="list-style-type: none">▪ in charge of machines installation, fault diagnosis and service▪ Performed contracted services with Elite cooling and Air anchor Heating ventilation and air conditioning contractors on the following;▪ Repair and servicing of chillers, screw compressor servicing, parts replacement assembling and leakage testing the by charging with nitrogen taking gauge and checking for

	<p>pressure drop, vacuuming and refrigerant charging. Carrying out routine services e.g filter replacement and cleaning of condenser coils</p> <ul style="list-style-type: none">▪ Installation of air conditioning machines refrigerant copper pipe work, drainage pipe work, wiring and refrigerant charging and commissioning. Machine repair and service.
Jan 2019 – May2019 Technician Marc's Pharmaceutical	Attached with maintenance office at Marc's; duties performed include repair and service of the machines, welding electrical works, purchase of spare parts etc
2018 Technician Sphinx pharmaceutical	Worked as a technician performed preventive maintenance on production machines e.g. oiling, greasing, machine inspection, fault diagnosis, welding and boiler operations
Dec 2016 – Jan 2017 Plant Technician East African Breweries Ltd (EABL)	<p>Worked with Plant Engineers in the maintenance of the following;</p> <p>Bottle washer</p> <ul style="list-style-type: none">▪ Daily checks and services replacement of worn out parts.▪ Replacement of damaged fingers and missing finger caps at the infeed.▪ The following checks were performed;▪ Leakage of infeed/discharge drive gear box▪ Drive units for overheating▪ Oil level in main drive and transmitter gear boxes▪ Condensate pump for proper operation.▪ Steam and condensate leakage on the system.▪ Infeed agitators for proper operation.▪ Lubrication of bearings and bushes.▪ Automatic and manual water/caustic control valve for proper operation.▪ Missing and damaged bottle cells and inserts and replace.▪ Engaging and disengaging solenoid valves for proper operation.▪ Label drive unit for noise and vibration.▪ Correct pressure readings at the main inlet and usage points.▪ Check the fume extraction system for working.▪ Check panel fans for proper operation.▪ Visually inspect rear door lifting belts.▪ Replace worn out (high pressure presetting) conveyers.▪ Check if pneumatic valves and regulators for working.▪ Check for air leakage in the pneumatic system.▪ Check loose infeed and discharge fingers.▪ Ensure conveyor sensors and proximity switches are in good working condition.▪ Check and tighten bolts and nuts. <p>Lubrication</p> <ul style="list-style-type: none">▪ Grease universal points.▪ Check oil levels and top up if low.▪ Ensure grease reaches all lubrication points. <p>Bottle filler and capper sensormetic</p> <p>During scheduled period of the bottle filler the following was inspected;</p> <ul style="list-style-type: none">▪ Spraying nozzles inspected for clogging (conveyor lubrication▪ System, spraying system, gush-type jetting system.▪ Cleaning them with brush and chemical.▪ Filling component inspection. Checking oil in the system and▪ Refilling if low. Checking water nozzles for dirt and damage. .

	<ul style="list-style-type: none">▪ Lift cylinder external lubrication dismantle nozzle and clean them and ensure no leakages.▪ Inspection of central lubrication system. Visually check grease reservoir for suitable grease and replenish if necessarily.▪ Inspection of centering bell, lifting unit and centering bell suspension.▪ Check for malfunctioning and guide for bend. Straightening bent ones by pulling up and down. <p>Checked the following parts of lifting units;</p> <ul style="list-style-type: none">▪ Sliding surface gasket and rollers▪ Sliding surface checked for cracks▪ Visual inspection of rollers for cracks, cuts and dirt.▪ Visual checked rollers for shaking and misalignment.▪ Reporting to maintenance planner for any damage. <p>Spray nozzles Check</p> <ul style="list-style-type: none">▪ Nozzles must be unclogged and decalcified▪ Properly operated▪ Inspect visual during production for clogged nozzles▪ Stop machine and lock▪ Clean nozzles with flowing water <p>Parts cleaned;</p> <ul style="list-style-type: none">▪ Spray system nozzles▪ Flashing system nozzles▪ Thread spraying system nozzles▪ High pressure system nozzles▪ Lift cylinder lubrication nozzles <p>Pasteurizer</p> <ul style="list-style-type: none">▪ Maintain the following at the pasteurizer unit▪ Checked the following▪ Side rail, wear strip and loose brackets▪ Functionality of the discharge conveyer drop railing.▪ Confirm grease reaches lubrication point▪ Checked oil level in main drives and gear boxes.▪ Checked for defects like leaks missing or loose parts, nuts and bolts.▪ Correct setting on pneumatic operated valves. <p>Having completed this exercise I gained practical skills of how to maintain and service bottle washer and filler</p>
<p>Feb 2016 – Aug 2016 Plant Technician The Aga-khan University Hospital Nairobi</p>	<p>Daily monitoring of the following of the following in the boiler:</p> <ul style="list-style-type: none">▪ Steam pressure, water level in the sight glass, flue gas temp, oil feed and water pump pressure IDO oil level etc.▪ Inspection of the atomizer for damage and concentricity weekly.▪ Removal of deposits and resetting of electrodes clearance at the igniter.▪ Cleaning of the boiler house.▪ Inspecting the burner bearing for wear.▪ Baskets removal and cleaning of oil filters.▪ Inspecting burner hinge for ease opening and greasing.▪ Ensuring that the system is free of leakages.▪ Ensuring that relays at the relay panels are correctly located in their bases.

	<ul style="list-style-type: none">▪ Checking of settings and combustion performance by properly tuning fuel/air ratios.▪ Dirt removal from photocell face.▪ Rotate burner cup by hand to confirm free rotation of the cup.▪ Checking seals and setting of the mechanical inter lock.▪ Checking of the steam pipe work for leakages then welding of the leaking points on the line or gaskets replacement at the joints.▪ Removal of the scales formed at the copper tubes of the calorifiers. <p>Basic Mechanical Adjustments</p> <ul style="list-style-type: none">▪ Checking the hinge micro switch actuating bolt position and ensure operation when opening and closing the burner door plate.▪ Check that the boiler control and limit switch is correctly set. <p>Clean Steam Generator</p> <ul style="list-style-type: none">▪ Daily checks include:▪ Feed water pump pressure.
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ACHIEVEMENTS

- Creating 2D and 3D mechanical drawings of a project.
- Ability to interpret drawings.

LANGUAGES

Language	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Swahili	Excellent	Excellent	Excellent

REFEREES

Eng. Peter Onyango

Electrical Eng. Kenyatta National Hospital
Tel: 0721-426367

Eng. Ken Owiti

Mechanical Eng.
Numerical machining complex
Kenya Railways
Tel: 0725-557026

Eng. Alphonse Odongo

Aga Khan University Hospital
Tel: 0736-997302