Oyedele Joseph, Ogunji

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Ogunji, Oyedele Joseph is a seasoned mechanical engineering professional with twelve (12) years of experience in gas turbine power plant maintenance, operation and project management. I started my professional career with Stanmark Cocoa Processing Company Limited, Ondo, as Plant operator and maintenance technician in 2008. I became a gas turbine maintenance technician in 2009 with the defunct Power Holding Company of Nigeria (Omotosho Power Station) and later gas turbine Operations and Maintenance Engineer with Omotosho Electric Energy Company Limited, a subsidiary of Pacific Energy Limited that acquired the plant after government privatization process in 2015. I became a Mechanical Engineer with Dangote Oil Refinery Company Limited in 2021. I have served excellently in various roles including HSE officer, gas turbine O&M Technician, O&M Engineer, maintenance supervisor, gas turbine field and control room operator as well as shift head.

Work Experience

Mechanical Engineer

Dangote Oil Refinery Company Limited. - Lagos - Nigeria
March 2021 to Present

• Routine inspections and maintenance of Combined cycle (gas and steam turbine) power plant.
• Routine inspections, servicing and repairs of 12 units of 1500KVA/800KW standby diesel engines.
• Maintenance of turbine and refinery auxiliary equipments like pumps, compressor, valves, gear boxes, heat exchangers.
• Maintenance of refinery facilities like cooling tower, water purifier, safety equipments and more.

Operation/Maintenance Engineer (Mechanical)

Omotosho Electric Energy Company Limited - Omotosho, Ondo State.
June 2015 to February 2021

• Routine Inspection, Troubleshooting, Maintenance and overhauling of gas turbine and its Auxiliary equipments.
• Executed routine checks, preventive, predictive, corrective and planned maintenance of turbine stationary and rotating machineries.
• Documentation and reporting of plant maintenance activities.
• Maintenance of various turbine accessories like the accessory gear, main hydraulic oil pump, 88QA, 88QE, 88HQ, 88HR, 88TK, IGV, 88VG, 88BT, 88QV, Compressor bleeding valve.
• Resolved gas turbine Hydraulic ratcheting and Hydraulic control problems.
• Servicing and maintenance of Lube oil cooler.
• Purification of lube oil and inspection of lube oil sump.
• Compressor washing execution
• Execution of Turbine Combustion Inspection (CI), Hot Gas Path Inspection (HGPI) and Major Inspection (MI)
• Maintenance of turbine air intake system; replacement of air intake filters.
• Maintenance of gas boiler and gas treatment plant.

• Servicing and overhauling of water pumps (CWP, CCWP), Raw water intake system, Raw water purifier, Valve-less filter machine, Cooling Tower, Heat exchangers, Fire fighting equipment.
• Installation, Maintenance and overhauling of equipments like vertical, surface and submersible pumps, gear boxes, motorized and manual valves.
• Expedited stock taking activities of mechanical part.
• Maintenance team supervision and vast knowledge of work permit process.
• Offered regular training and supervision to subordinates and trainee on operation and maintenance of gas turbine among other accomplished responsibilities.

OPERATIONS ROLES

• Commissioning, safe start-up, synchronization, monitoring and shutdown operations of gas turbine. Ensuring machine is operated smoothly and identify abnormalities in routine operation of the machine.
• Operations of the balance of plant equipments; CWP, CCWP, Cooling tower
• Hourly Record of plant operational data and preparation of operational report
• Daily report to the operation manager
• Liaison with the NCC for proper management of the grid
• Routine checks/inspections on the gas turbine and its auxiliaries
• Switching of 10.5KV (Energization, de-energization and earthing)
• Preparation of permit to work and application of lock-out tag-out on equipment isolation points.
• Offline washing of the gas turbine compressor (Compressor washing skid)
• Performs additional duties as assigned.

Mechanical Technician

Power Holding Company of Nigeria (Omotosho Power Station). - Omotosho
July 2010 to June 2015

• Performed routine checks, preventive and corrective maintenance of gas turbine and other mechanical facilities.
• Maintained plant auxiliary equipment like Cooling Water Pump (CWP), Close Circulatory Water Pump (CCWP), Heat exchangers, Cooling tower, raw water pump, raw water purifier, valve-less filter, Water treatment plant.
• Documenting and Maintaining plant maintenance history.
• Performed Turbine Combustion Inspection (CI), Hot Gas Path Inspection and Major Inspection (MI)
• Installation, Servicing and Resolving mechanical problems of pumps, motors, gears boxes, motorized and manual valves.
• Maintenance of boiler and gas treatment plant.
• Accomplished the Design, fabrication and maintenance of the plant raw water supply system.
• Maintenance of the fire fighting equipment.
• Handling of industrial equipment like Hoist, trolley, forklift, bridge crane etc.
• Provided technical support to subordinates among other accomplishments.
• Vast knowledge of work permit process.
• Stock taking activity of mechanical part store.
• Strict observance of safety rules and regulations.

Health and Safety Officer

Power Holding Company of Nigeria (Omotosho Power Station) - Omotosho
July 2009 to July 2010

• Strict compliance and enforcement of HSE rules and regulations.

• Conducted daily safety inspection; monitored and controlled permit to work.
• Conducted HSE trainings, tool box and HSE awareness.
• Performed routine inspections and maintenance of fire and emergency

Production Operator/Maintenance Technician

Stanmark Cocoa Processing Company Limite - Ondo, Ondo State.
2008 to 2009

• Operate production processing equipment safely and effectively following safety procedures and company policies for equipment operation.
• Ensure that equipments are maintained in good and safe working condition for optimal performance.
• Regular inspection of equipment to identify any defect, replacements, malfunctions and repairs need.
• Repair the equipment when needed.
• Document all production and maintenance activities on Equipment Line Board.
• Facilities include: Pre-processing plant, Milling, Press, Cake breaker, Powder and Block Moulding plants.
• Also servicing and repairs of equipments like pumps, valves, gears box, mill, pipe network and lots.

Education

Postgraduate Diploma in Mechanical Engineering

Federal University Of Technology - Akure, Ondo State.
2018

Higher National Diploma in Mechanical Engineering

Osun State College Of Technology - Esa-oke, Osun State.
2015

National Diploma in Mechanical Engineering

Osun State College Of Technology - Esa-oke, Osun State
2007

Skills

• Troubleshooting and maintenance (10+ years)
• Operation and condition monitoring (10+ years)
• Maintenance planning
• Project management
• Mechanical aptitude
• Technical analysis and reporting
• Microsoft office
• Computer aided design (AutoCAD)

Links

https://my.indeed.com/p/oyedeleo-5iszlrv

https://www.linkedin.com/in/ogunji-oyedele-joseph-oj88

Certifications and Licenses

Effective Operation, Maintenance and Troubleshooting of Gas Turbine Power Plant
December 2015 to Present

Balancing and Alignment Techniques
August 2015 to Present

Lubrication and Maintenance
January 2011 to Present

Standard Protection Codes
September 2010 to Present

Occupational Health, Safety and Environment
December 2009 to Present

Additional Information

Referees:
ENGR. JOSHUA ADETUNJI
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