

Curriculum vitae of
JOSEPH BLAY
Kinross Gold Cooperation
Chirano Gold Mine-Ghana

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Professional Profile

I am a Result Oriented Plant Mechanical Maintenance/Machinist with in-depth knowledge of providing technical support to the maintenance crew (Fixed Plant/Machinists). I possess excellent interpersonal and communication skills, and enjoy being part of a team, thriving in highly pressurized and challenging working environment to achieve greater results. Adapt well to new methods and the use of technology.

Career Achievement

I was able to lead in the installation of equipment and machinery during out client Newmont Ghana Gold Limited Plant Phase 1 Projects to a successful end. I was also adjudged the best Multitask Technician for the month of June & July 2014 with my current employer

Job History

JAN. 2011 – Date: Kinross Gold Ghana Limited
Position: Plant Mechanic/Machinist Lead Hand (Gold Processing Plant)
(In Charge of CIL, Crushers & Conveyors, Machinists & Pumps)

Responsibilities Include:

- ✚ Conducting safety and tool box meetings as scheduled and on shift start respectively
- ✚ Reviewing samples, drawings or instructions to understand specifications of output
- ✚ Selecting appropriate machines (e.g. lathes) and position or load material for a job
- ✚ Determining and programing size of batches, speed of machine etc.
- ✚ Monitoring machine while working to adjust the feed, maintaining temperature and identify issues
- ✚ Performing routine machine maintenance and repair minor damages
- ✚ Analyzing and reassessing equipment maintenance requirements and frequencies as well as making recommendations to the maintenance planning department when changes are deemed necessary.
- ✚ Investigating, representing and providing technical reports for any incidents participate in root cause analysis of failures when required
- ✚ Coordinating maintenance in process areas and the process plant including mills, crushers, conveyors, CIL tanks, pipelines, water treatment, pumping systems, power systems and ancillary industrial equipment
- ✚ Reading and understanding mechanical drawings, ensure proper drawing library is established and maintained
- ✚ Maintaining effective training records, in co-ordination with other training staff to ensure information is available in a timely and effective manner.
- ✚ Ensuring consumables are in stock to enhance continuous and smooth operations. Ensuring also logbooks and controls on all mechanical equipment are completed

- ✚ Performing daily maintenance, lubricant usage, inspection and fault finding/rectification report writing.

July, 2008 – Aug. 2010: Shekpegmog Engineering
Client: RedBack Mining
Position: Plant Mechanical/Machinist Foreman (Gold Processing Plant)
(In Charge of Sag & Ball Mills, Crushers & Conveyors, Machinists & Pumps)

Responsibilities Include:

- ✚ Assisting with Process Plant Optimization and provide Metallurgical Technical Services on a timely basis
- ✚ Identified the need for and assist with the implementation of effective and structured training and development of all mechanical maintenance crew (Fixed Plant) and provide input into departmental succession planning.
- ✚ Monitors the performances of all subordinates and ensures that maintenance works are being carried out in accordance with laid down procedures and best practices.
- ✚ Maintains continuous communication with other supervisors to enable quick response to complaints on equipment thus minimizing shut downs periods.
- ✚ Schedule planned maintenance intervals and ensure adequate spares and ensure preventative maintenance
- ✚ Study sample parts, blueprints, drawings, and engineering information in order to determine methods and sequences of operations needed to fabricate products, and determine product dimensions and tolerances.
- ✚ Select the appropriate tools, machines, and materials to be used in preparation of machinery work.
- ✚ Replacement of bearing to suit valuable speed motors and fixing of flow indicators, non-return valve on the gland water line.
- ✚ Designed and implemented special strategies related to maintenance procedures.
- ✚ Set up, adjust, and operate all of the basic machine tools and many specialized or advanced variation tools in order to perform precision machining operations.
- ✚ Align and secure holding fixtures, cutting tools, attachments, accessories, and materials onto machines.
- ✚ Monitor the feed and speed of machines during the machining process.
- ✚ Develop action plans or changes to the PM or current Maintenance format to prevent re-occurrences
- ✚ Coordinating the work group to implement and adhere to best practice standards and ensuring that all company quality assurance and legal requirements are adhered to
- ✚ Interact with purchasing and stores to ensure that parts, supplies and resources are available to accomplish work assignment within in a timely manner.
- ✚ Monitor workflow to anticipate impact of delays due to team members being absent for leaves, holidays or sickness.
- ✚ Leading and assisting the crew in Plant Maintenance, Crushers, Conveyors, Apron feeder, Sag mills, Discharged Pumps, Agitators & Gearbox, etc.
- ✚ Maintaining all HSE standards, policies and procedures (Best Practice)

June, 2004 – July. 2007: Webb Construction West Africa Limited
Client: Newmont Ghana Gold Limited
Position: Mechanical Lead Hand

Responsibilities Include:

- ✚ Assembling of Structural Steels Conveyors, Agitators & Gearbox, Apron feeders, Installation of, Gyratory Crusher, Pebble Crushers, Thickeners, Launderers, Pumps and Motors, etc.

- ✚ Performed routine maintenance inspections of plant to identify and respond to problems in a timely manner, thus preventing breakdowns.
- ✚ Provided solutions and fixed equipment malfunctioning, system faults, used root-cause-failure techniques, corrective actions, modifications and performed replacements and/or new installation.
- ✚ Utilized different reliability and testing strategies in plants to maintain and improve operation's profitability.
- ✚ Installation of pumps and alignment checks
- ✚ Make sure all mistakes are rectified on the site before commissioning
- ✚ Maintain good housekeeping around the site.
- ✚ Comply with maintenance and service schedule and report schedule deficiencies.

Jan 2002 - Aug 2002: Ghana Armed Forces, Accra-Ghana
Position: Plant Mechanic/Machinist (Trainee)

Responsibilities Include:

- ✚ Assisting the senior Machinist and Plant Mechanic to do the ff:
- ✚ Operating Lathe Machine, Milling machine, Shaping machine, Radial Drilling Machine and all machine shop tools
- ✚ Perform routine maintenance on machinery, and operate a number of machines that grind, drill, shape and mill replacement components under my superior.
- ✚ Any other duties as assigned by my superior

Education and Qualification

July, 2015-Dec. 2016	Covenant Institute of Professional Studies, Tarkwa-Ghana Mechanical Engineering (City & Guilds of London)
2014	Imperial College of Mines & Safety, Tarkwa-Ghana Certificate in Welding & Fabrication
2012	IPMC College of Technology, Accra-Ghana Basic Certificate in computer Application
2012	University of Mines & Technology, Tarkwa-Ghana Maintenance Management (Proficiency Certificate)
2005	Saint Martin's Professional Institute, Accra-Ghana Mechanical Engineering Technician II
2001-2003	Pilot Training Centre (NVTI), Accra-Ghana Machining Grade I & II
1993-1996	Nkroful Catholic Junior Secondary School, Nkroful - Ghana Basic Education Certificate

Professional Skills

- ✚ Life Saver First Aid
- ✚ Certificate of computer application

- + National Occupational Safety Association (NOSA)
- + Safe Lifting-Overhead Crane
- + Maintenance Task Appraisal
- + Basic Bearing Course
- + 1800 Series Crusher Maintenance & ASRi Introduction
- + Industrial Gas Handling
- + Certificate of Participation in Team Leaders Skills
- + Basic Safe Lifting Awareness

IT Skills

- + MS Word, MS Excel & Internet Usage
- + Computerized Maintenance Management Software (CMMS)

Personal Details

Date of Birth: 18th August, 1981
Sex: Male
Nationality: Ghanaian
Marital Status: Married

Referees

Upon Request