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| Philemon Philzo HANLO  Phone: Work: (675) 2762010 (Ext 9687). M/P: (675) 76953469/70127006  Simberi Gold Company Limited (SGCL) P.O.Box 624, Kavieng, NIP. Papua New Guinea  Email Work: [Philemon.Hanlo@stbarbara.com](mailto:Philemon.Hanlo@stbarbara.com).au  Email Home: [philzo120@gmail.com](mailto:philzo120@gmail.com) |
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Objectives

With the interest in pursuing employment opportunities ***to whom it may concern to*** in the field of Power Station Operations, my CV profile below outlines my relevant work experiences, skills & knowledge for your interest. I would be an ideal candidate for the position as I possess the right attributes, skills, knowledge and with vast experience in all aspects of Power Generations/Operations field. I have been trained and operating various power generating plant prime-movers such as ***hydro turbines, geothermal turbines, gas turbines, steam boilers and diesel HFO/LFO fired power stations*** ranging from least of 1.2MW to over 150MW power stations especially in the mining industries in Papua New Guinea. I have nearly 25 years of experience in power station operations field & held various positions starting from Trainee Power Operator to Shift Supervisor levels.

I have exposure to working in multicultural work environment with world class mining companies ie: OK Tedi Mining Limited & Newcrest Mining Limited (Lihir) and adapted high attitude towards safety & occupational health standards working with colleagues sharing common goals and understanding each other with respect. I have the leadership, supervisory skills and have the ability to work under minimum or no supervision at all. With relevant experience, skills & knowledge that I posses, I have the desire to join a successful and dynamic team seeking career prospects, training & development opportunities.

I am also a certified HV Operator attained (2012) from GIPPS TAFE Institute, Australia – certificate number 28936.

Education/Qualifications:

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| **YEAR** | **INSTITUTION** | **QUALIFICATIONS** |
| 2001 | National Apprenticeship & Trade Testing Board (NATTB) | NATTB – Power Station Operator Certificate. |
| 1994 | OK Tedi Mining Limited (OTML) & PNG Power (formerly ELCOM) | Power Station Operator Certificate. |
| 1986 | Madang Technical College – Madang Province. | PETT Certificate in Sheet Metal Welding. |
| 1985 | Telefomin High School – Sandaun Province. | Grade 10 High School Certificate. |
| 1981 | Tekin Primary School – Sandaun Province. | Grade 6 Primary School Certificate. |

Experience

**July 17 - Current | HFO Power Station Supervisor/Operator**

Piguput Power Station, Simberi Gold Company Ltd | P.O. Box 624. Kavieng. N.I.P. Papua New Guinea.

**Job Responsibilities:**

* Effectively operates 7X1500 KW rated Wartsila W209L HFO/LFO fired generators in accordance with safe operating procedures to ensure consistent power is supplied to the Mine plant site.
* Respond and investigate suspected or known plant abnormalities, monitor the physical condition of the generating station.
* Record and communicate events, plant or procedural problems via the defect reporting system and shift logs.
* Development and implementation of operating instructions and assist in the personal development and training to the operational personnel.
* Contribute to the development of the station’s quality management system to promote occupational health & safety. Monitor and improve the physical condition of the work environment.
* Ensure daily and monthly power generation statistics (KWHr, Fuel & Oil readings) are calculated & made readily available and sent over to Simberi Gold Company Limited management for data input into systems network.
* High Voltage (HV) Switching.
* Isolations/De-isolations of plant/equipment, Issuance & Cancellations of Permit To Work (PTW)
* Conduct pre-start & toolbox meetings daily and maintain high level of health, Safety and environment awareness and comply with all relevant St Barbara policies and procedures.
* Ensure all work is carried out in a safe and proper manner, daily work plans are executed with set and variable priorities. Prepare and Plan for minor and Major services of the generators and organize with high management for part/consumable orders.
* Develop the Team work culture and motivate subordinates to meet section targets..

Experience

**Jan 2012 – Sep 2012 | Power Station Operator**

Bige Power Station, OK Tedi Mining Limited | P.O. Box 1. Tabubil. W.P. Papua New Guinea.

**Job Responsibilities:**

* Effectively operated 3X400 KW rated Caterpillar generators (1.20 KW Station) on local & auto mode using duty selector controls in accordance with safe operating procedures to ensure consistent power is supplied to the Camp site users.
* Respond and investigate suspected or known plant abnormalities, monitor the physical condition of the generating station.
* Record and communicate events, plant or procedural problems via the defect reporting system and shift logs.
* Development and implementation of operating instructions and assist in the personal development and training to the operational personnel.
* Contribute to the development of the station’s quality management system to promote occupational health & safety. Monitor and improve the physical condition of the work environment.
* Carry out maintenance tasks (Mech. PMs) 500 & 1000 hours services on the engines when due and carry out minor repairs to avoid major fault development.
* Ensure daily and monthly power generation statistics (KWHr, Fuel & Oil readings) are calculated & made readily available and sent over Team Coordinator Power Services for data input into systems network.

**June 2010 – Sept 2011 | Shift Supervisor – Power House**

PutPut Power Station, New Crest Mining Limited (Lihir) | P.O. Box 789, Port Moresby.NCD. Papua New Guinea.

**Job Responsibilities:**

* Operate and Provide general supervision and leadership in power station operations comprising of 75MW (12X6.3MW) Diesel plant and associated auxiliary units, 50MW (5X10MW) Geothermal plant and associated auxiliary units including the steam field plants, 4.8MW (6X800KW) londolovit standby diesel plant by ensuring optimum equipment availability and reliability, through actively overseeing the teams performance on a daily basis and taking ownership of equipment performance and responsible to manage the power plants to meet the end users satisfaction safe and effectively by providing maximum outputs to achieve constant & uninterrupted supply of electrical power to the plant site & township.
* Operate and supervise Operators on shift on all outstation plant and equipment including 3XOil fired Steam Boilers, HFO Fuel / Oil separators, Fuel / Oil day tanks, chlorination and deminerisation plants, on site standby generators and the local township site auxiliaries.
* Ensure efficient use of available manpower allocated to operate diesel, geothermal, londolovit power stations, steam fields, steam boilers, chlorination & demin plants to achieve departmental set targets daily.
* General supervision and maintaining of discipline in a team of Operators on shift. Effectively communicate day – day operational issues with the Senior Supervisors to ensure operational priorities are addressed and with other sections and work groups to develop effective working relations.
* Assist and provide development of Operators and Trainees in On-The-Job (OTJ) training in liaison with the Power station Operations training team to fully train the subordinates in all aspects of Power plant equipment and other associated auxiliary units to develop and sustain them to the competent level.
* Promote and uphold company (New Crest mining limited) occupational health, safety and environmental policies within the Power Station Operations team. Ensure that all the Operators on shift carry out Isolations and issue safe work permits for maintenance work in accordance with the Permit To Work (PTW) system.
* Appraise and evaluate Power Operators performance base reviews, providing individual feedback, giving guidance, directions, development and agreeing improvement plans.
* Perform shift hand-over take-over with the incoming shift.

**January 2009 – June 2010 | Power Station Operator - Contractor**

Bige/Kiunga Power Stations, OK Tedi Mining Limited | P.O. Box 1. Tabubil. W.P. Papua New Guinea.

**Job Responsibilities:**

* Effectively operated 3X400 KW rated Caterpillar generators (1.20 KW Station) on local & auto mode using duty selector controls in accordance with safe operating procedures to ensure consistent power is supplied to the Camp site users.
* Conduct inspections on all plant and equipment including oil check & changes, fuel belly tank levels, oil sump drainage, radiator water checks and reporting major maintenance needs as required. Take engine hourly readings and record engine operating parameters and variables.
* Respond and investigate suspected or known plant abnormalities, monitor the physical condition of the generating station.
* Record and communicate events, plant or procedural problems via the defect reporting system and shift logs.
* Development and implementation of operating instructions and assist in the personal development and training to the operational personnel.
* Contribute to the development of the station’s quality management system to promote occupational health & safety. Monitor and improve the physical condition of the work environment.
* Carry out maintenance tasks (Mech. PMs) 500 & 1000 hours services on the engines when due and carry out minor repairs to avoid major fault development.
* Ensure daily and monthly power generation statistics (KWHr, Run hour, Fuel & Oil readings) are calculated & made readily available and sent over Team Coordinator Power Services for data input into systems network.
* Operate water and sewage treatment plants, ensure providing clean water to the Bige camp residents.

**June 1998 – May 2007 | Team Leader Power Generations – Thermal.**

Tabubil Power Station, OK Tedi Mining Limited | P.O. Box 1. Tabubil. W.P. Papua New Guinea

**Job Responsibilities:**

* Taking ownership of the power generating plants and equipment and the auxiliary units availability and reliability in my own area of responsibility by effectively monitoring equipment performance. Responsible to manage the power plants to meet end users demand satisfaction safely and effectively by providing maximum outputs to achieve constant and uninterrupted supply of electrical power.
* General supervision and maintaining of discipline in a team of Operators on shift. Effectively communicate day – day operational issues with the Team Coordinator Operations to ensure operational priorities are addressed and with other sections and work groups to develop effective working relations.
* Assist and provide development of Operators and Trainees in On-The-Job (OTJ) training in liaison with the Power station Operations training team to fully train the subordinates in all aspects of Power plant equipment and other associated auxiliary units to develop and sustain them to the competent level.
* Promote and uphold company (OK Tedi Mining limited) occupational health, safety and environmental policies within the Power Station Operations team. Ensure that all the Operators on shift carry out Isolations and issue safe work permits for maintenance work in accordance with the Permit To Work (PTW) system.
* Appraise and evaluate Power Operators performance base reviews, providing individual feedback, giving guidance, directions, development and agreeing improvement plans.
* Ensure computing of all midnight – 24 hour daily power generation statistical data readily made available for Team Coordinator Operations to input into main data frame network.
* Perform other duties as assigned by the Team Coordinator Operations, sub delegated to act in position as well.
* Perform shift hand-over take-over with the incoming shift.

**1994 – June 1998 | Power Station Operator – Thermal**.

Tabubil Power Station, OK Tedi Mining Limited | P.O. Box 1. Tabubil. W.P. Papua New Guinea.

**Job Responsibilities:**

* Effectively operate diesel power plant comprises of: 7XMirrlees Blackstone MB275 engines rated @3.8MW each, 3XWartsila engines rated @ 5.4MW each, 6XContainized Caterpillar units rated @1.5MW each, 1XGas Turbine rated @10.0MW.
* Effectively operate hydro plant comprises of: 2X Francis type turbines rated @ 30.0MW each and 1XPelton wheel type turbine rated @2.5MW.
* Utilizes SCADA, the computerized control to monitor generations configuration and adjust variables / deviations to ensure consistent provisions of electrical power supply to the Township, Mine & Mill production areas.
* Carry out daily and weekly station equipment checks. Ensure timely recordings of engine parameters and shift logs to provide vital information to Supervisors as required.
* Conduct inspections on all plant and equipment including oil check & changes, fuel tank levels, oil sump drainage, radiator water checks and reporting major maintenance needs as required. Take engine hourly readings and record engine operating parameters and variables.
* Respond and investigate suspected or known plant abnormalities, monitor the physical condition of the generating station.
* Record and communicate events, plant or procedural problems via the defect reporting system and shift logs.
* Development and implementation of operating instructions and assist in the personal development and training to the operational personnel.
* Contribute to the development of the station’s quality management system to promote occupational health & safety. Monitor and improve the physical condition of the work environment.
* Carry out all equipment isolations and issue safe work permits for maintenance personnel in accordance with safe work procedures.
* Carry out HV/EHV from 11kV to 132kV switchgears and 11kV township reticulations.
* Ensure daily and monthly power generation statistics (KWHr, Run hour, Fuel & Oil readings) are calculated & made readily available and sent over Team Coordinator Power Services for data input into systems network.

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**Feb 1989 – April 1994 | Trainee Power Station Operator.**

Tabubil Power Station, OK Tedi Mining Limited | P.O. Box 1. Tabubil. W.P. Papua New Guinea

**Job Responsibilities:**

Power station Operator (PSO) training program. Three (3) stages of training program covering Thermal and Hydro Power Station specifications. Training program covered were:

**Introduction to Power Stations, Operator duties & responsibilities, Electrical and Mechanical principles, LV / HV & EHV switch gears, Basic hydraulics, Electric motors, Transformers, DC Systems, Generator and system protection systems, Oil, Fuel, Air, water control systems, hydro plant intake work, Cooling water system and safety in power stations.**

Skills:

* 25 years of experience in Power station Operations in a mining environment.
* Power Station Operator Certificate – PNG Power / NATTB.
* Computer – exposure to computerized control system in Power station Operational environment. Microsoft excel, word, Power point, emails & ellipse.
* Sound awareness of operational safety systems.
* HV / EHV operator – Certificate No: 28936
* Supervision & leadership.
* Driving Licence – PNG licence class 6.
* Steam Boilers - Intermediate
* Geothermal Power Station

Referees:

* Los Amet – Team Coordinator Power Operations, OK Tedi Mining Limited – (675) 649 3141
* Henry Marita – Team Coordinator CM & planning, OK Tedi Mining Limited – (675) 649 3052
* Francis Siamoli – Team Leader Kiunga Power House, OK Tedi Mining Limited – (675) 649 3705
* Francis Karogo – Superintendent Tabubil Power Station – OK Tedi Mining Limited – +(675) 649 3249
* Simon Kukubak – Electrical Supervisor – St Barbara Limited – Simberi Gold Company - +(675) 2762010 Ext 9675 (**Current**)
* Joener Bona – Power House Supervisor – St Barbara Limited – Simberi Gold Company - +(675) 2762010 Ext 8687 (**Current**)

