**ANDREW KOPANIA**

P O Box 1404 Waterfront, Konedobu 125,

NCD

Papua New Guinea

**PERSONAL DETAILS:**

**NAME:** ANDREW KOPANIA

**DATE OF BIRTH:** 22nd DECEMBER, 1983

**PROVINCE:** EAST SEPIK PROVINCE

**DISTRICT:** AMBUNTI

**MARITAL STATUS:**  MARRIED

**MOBILE #:**  Digicel- 74679786 Telikom- 78116301

**Email:**  andkopania@gmail.com

**JOB EXPERIENCE:**

**Ramu Nico (MCC) Ltd. October 2015- October 2018. Worked as Power Station Operator.**

**Basic Job Description as Tradesman:**

* **Adjust controls to generate specified electrical power, or to regulate the flow of power between generating stations and substations.**
* **Control and maintain auxiliary equipment, such as centrifuges/separators, pumps, fans, compressors, condensers, feed water heaters, filters, and chlorinators, to supply water, fuel, lubricants, air, and auxiliary power.**
* **Control generator output to match the phase, frequency, and voltage of electricity supplied to panels/power grid.**
* **Make adjustments or minor repairs, such as tightening leaking gland and pipe joints; report any needs for major repairs.**
* **Monitor and inspect power plant equipment and indicators to detect evidence of operating problems.**
* **Operate or control power generating equipment, including boilers, turbines, generators, and reactors, using control boards or semi-automatic equipment.**
* **Place standby emergency electrical generators on line in emergencies and monitor the temperature, output, and lubrication of the system.**
* **Regulate equipment operations and conditions such as water levels, based on data from recording and indicating instruments or from computers.**
* **Replenish electrolytes in batteries and oil in voltage transformers, and reset tripped electric relays.**
* **Start or stop generators, auxiliary pumping equipment, turbines, and other power plant equipment, and connect or disconnect equipment from circuits.**
* **Take readings from charts, meters and gauges at established intervals, and take corrective steps as necessary.**
* **Clean, lubricate, and maintain equipment such as generators, turbines, pumps, and compressors in order to prevent equipment failure or deterioration.**
* **Collect oil, water, and electrolyte samples for laboratory analysis.**
* **Communicate with systems operators to regulate and coordinate transmission loads and frequencies, and line voltages.**
* **Examine and test electrical power distribution machinery and equipment, using testing devices.**
* **Inspect records and log book entries, and communicate with other plant personnel, in order to assess equipment operating status.**
* **Receive outage calls and call in necessary personnel during power outages and emergencies.**
* **Record and compile operational data, completing and maintaining forms, logs, and reports.**

**NB***: All machines/generators are Wartsillar, and are PLC controlled.*

**Starlights Electrical Company**

**February 2015-July 2015** Electrical Trade Assistant.

**Basic Job Description**

* Assisting in carrying out new and existing electrical installations
* Perform electrical works according to electrical floor plan by engineers
* Assisting in electrical service and maintenance
* Liaise with immediate supervisor and others to complete tasks required within time frame
* Observe safety (OHS) when carrying tasks

**Inspectors, PNG Power Ltd – Boroko, Port Moresby, PNG**

**June 2014 – November 2014–** Trainee Inspector

This was an on-the-job training to earn 680hours (*approximately 6months*) as part of my assessment criteria with the course I studied at Don Bosco Technical School. This has qualified me to graduate at the end of the semester to obtain a certificate in Electrical Technology in 2014.

**04th Feb 2013 – June 2014**

Industrial Training Certificate in Electrical Technology at the Don Bosco Technical School, Port Moresby.

**St Andrew’s Rural Community College, Wewak, PNG**

**Jan 2010 – Aug 2012** *– Sawmill Operator*

Responsible for operating; monitoring and controlling automated sawmill equipment to optimise timber logs into rough sawn timber.

**Operations**

* Follow instructions for proper handling/storage of all materials including hazardous materials.
* Monitor logs and timber movement to ensure cuts satisfy customer requirements, e.g. cut lists.
* Perform respective tasks quickly to keep up with a fast moving automated production line.
* Liaise with the supervisor as to when to change or sharpen blades and knives, trying to get the most out of them without causing damage to products or equipment.
* Liaise with the supervisor on any operational/mechanical issues within the machine centre to determine whether it is safe to continue.
* Operate the machine centre in a manner that optimises the recovery of timber, (out of the timber presented) on primary and secondary machines, when the optimising machines are not available and make manual decisions on cutting.
* All products are produced to required specification.
* Ensure all timber is sorted and stacked correctly by grading length and product size.
* Liaise with other supervisors and other staff to coordinate operations and activities within the sawmill site.

**PNG Power Ltd, WEWAK – WEWAK POWER STATION, EAST SEPIK PROVINCE, PNG**

**Sept 2005 – March 2009 -** *Power Station Operator (Tradesman)*

**Aug 2002 – Aug 2005 -- PNG POWER MOITAKA** *– Power Station Operator (Trainee)*

**Control, operates, or maintains machinery to generate electricity which includes auxiliary equipment operators.**

**Basic Job Description as a Trainee/Tradesman:**

* Adjust controls to generate specified electrical power, or to regulate the flow of power between generating stations and substations.
* Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feed water heaters, filters, and chlorinators, to supply water, fuel, lubricants, air, and auxiliary power.
* Control generator output to match the phase, frequency, and voltage of electricity supplied to panels.
* Make adjustments or minor repairs, such as tightening leaking gland and pipe joints; report any needs for major repairs.
* Monitor and inspect power plant equipment and indicators to detect evidence of operating problems.
* Operate or control power generating equipment, including boilers, turbines, generators, and reactors, using control boards or semi-automatic equipment.
* Place standby emergency electrical generators on line in emergencies and monitor the temperature, output, and lubrication of the system.
* Regulate equipment operations and conditions such as water levels, based on data from recording and indicating instruments or from computers.
* Replenish electrolytes in batteries and oil in voltage transformers, and reset tripped electric relays.
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* Examine and test electrical power distribution machinery and equipment, using testing devices.
* Inspect records and log book entries, and communicate with other plant personnel, in order to assess equipment operating status.
* Receive outage calls and call in necessary personnel during power outages and emergencies.
* Record and compile operational data, completing and maintaining forms, logs, and reports.

**EDUCATIONAL QUALIFICATION**

**04th Feb 2013 – 27th Nov’14** Industrial Training Certificate in Electrical Technology

Don Bosco Technical School, Port Moresby, PNG

**10 Sept 2012 – 28 Sept’12** Mobile Plant Operator Certificate

Multiskills Training School, Lae, PNG

**Jan 2010 – Aug 2012**  Saw Operator Certificate

St Andrew’s Rural Community College, Wewak, PNG

**Feb 2001 – Nov 2001**  PETT Certificate in Diesel Heavy Equipment Fitting

Mt. Hagen Technical College, PNG

**Feb 1997 – Nov 2000**  Higher School Certificate

Bishop Leo High School, Wewak, PNG

**REFEREES:**

**Mr. Michael Supro**

**PNG Power, Port Moresby**

**Moitaka Power Stations**

**Mobile: +675 73644571**

**Mr. Martin Dai**

**DBTS, Gabutu**

**Deputy Principle, Technical Assessor**

**Telephone: +675 321 7229/ 321 7153**

**Mr. David Kialou**

**Ramu NiCo MCC Ltd**

**Basamuk Refinery**

**Power Plant Department**

**Mobile: +675 70479163/ 74690002**