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**Laka Kulu  
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**Personal Details** Gender: Male  
 DOB: 02 July 1982  
 Religion: United Church  
 Marital status Married  
 Province: Central  
 village: Hula  
 Country: PNG

**Education**

|  |  |  |
| --- | --- | --- |
| **Year and date** | **college , school ,training** | **certificate** |
| 07 June-09 June 2017 | Global response Group | Emergency Response team leader |
| 28th November -01 December 2016 | Global Responders Group | Emergency Response team Member  **(certificate of** **completion)** |
| 23rd -25th November 2016 | Swire emergency Response | IMO Level1 first responder course  (**Certificate of** **completion)** |
| 9th July 2016 | Aquip system | Best alignment Practice for laser shaft aligners  **(Certificate of Attendance)** |
| August 15th-August 16 20013 | Australian Marine oil spill centre | Workshop in oil spill Operation  **(Certificate of attendance)** |
| July 13th 2013 | Interoil training facilities | Lifting Gear Pre Use inspection  **(Certificate of attendance)** |
| 2001 -2005 | Papua New Guinea National apprenticeship and trade testing Board | Maintenance Fitting and Machining.  **(Certificate of Completion of Apprenticeship )** |
| 1999 -2000 | Don Bosco technical college | Maintenance Fitting and Machining  **(Certificate of Technical Education)** |
| 1998-1999 | Iarowari High school | Grade 10  **(Certificate of year 10 completion)** |

**Work experience Interoil Refinery Plant(Current- Puma energy)**

**Fire pump Engine(CFEP23E)**

* Overhauling
* Engine checks
* Fuel filter change out
* Change out valves
* Pump Repairs& Rebuild

**Seawater lift pump**

* Alignment Laser/Dial Gauge alignment Rebuild Sulzer
* Maintenance

**Crude distillations unit(CDU)**

* Centrifugal Pumps Rebuild
* Repair/Rebuild Centrifugal Sulzer pumps
* Recharge seal pot alarm failures
* Mechanical seal Change out /Rebuild
* Exchangers’ maintenance
* Heaters maintenance
* Fin fan coolers maintenance
* PM&CM Servicing
* Alignment Laser/Dial Gauge alignment
* PSV&PRV/ NRV valves repair& calibrating
* Chemical dozing pumps repairs

**Cooling tower**

* Change out screen filters
* Rebuild fin fan
* General maintenance

**Crude refinery unit(CRU) Process**

* Psv valve calibrate &repair
* Rebuild Centrifugal sulzer pumps
* Change out chemical dozing pumps
* Fin fan coolers rebuild
* K502 compressor rebuild & change out components
* Heaters shutdown repairs
* Exchangers shutdown repairs

**Reverse Osmoses Unit(RO)**

* Rebuild pumps
* Change out 50micron filters
* Rebuild chemical dozing pumps
* Clean out/change out membrane filters etc.
* Graundfos Pumps Rebuild works
* 5 Microns change out  
  .

**Boilers**

* Shutdown repairs
* Chemical dozing pumps repair
* Boiler Tubes change out etc..

**Hyundai Genets(Power Station)**

* General PM/CM servicing
* Fuel rack monitoring etc..
* Engine Overhauling

**Nitrogen compressor**

* General diagnose fault Maintenance
* PM/CM servicing

**Air compressor**

* PM servicing
* Diagnose
* Repair woks

Hyro Testing

* Hydro test all Refinery Exchangers according to their set Pressure

Tabubil Engineering(**oktedi Mining**) **Machine Shop**

**Potable Line Boring machine**

* Repair Chamber Roller Frames
* Repair Straight Roller Frames
* Repair 16G Front Axle Assemblies
* Repair 789 Trays Mounting Eye
* Repair Dozer Blade Mounting Eye
* Repair Track Frames for the Drills
* O&K Component Mounting Repairs

**Milling Machine**

* Pinion Gears
* Slot Drilling
* Engine Head Prefacing
* Hexagon Head Bolt
* Indexing Operation

**Shaper**

* Rack Gears
* Keyways
* Reface Components
* Indexing Operation

**Lathe machine**

* Radial operation
* Axel operation

**Horizontal borer**

* Repair D11N,D11R major7minor bogies
* Repair 837 wheel dozer cylinders
* Repair 777 suspension cylinders
* Repair 789 hoist cylinders & rods
* Repair D11N Hoist cylinders & rods
* Repair Ripper lift cylinders & rods

OTML & Barrick Mining PNG Shutdown & Projects   
 **Mill (Floatation Plant**

* Rebuild Centrifugal Worman Pumps
* Change Out Cell Agitators
* Change Out Stators Lower Shaft
* Pulley Alignment for Concentrate Pumps
* Rebuild thickener underflow pump
* Cyclone Maintenance
* Regrind Mill Liner Change Out
* Lubing system
* Gravity Gold Circuit
* Screen Rebuild works
* Sump Pump Maintenance
* OTML/Barrick PNG **Grinding Plant**
* Rebuild Centrifugal Worman Pumps
* Sag Mill Liner Change Out
* Boll Mill Liner Change Out
* Feed Chute Repair /Change Out
* Screen Change Out
* Jaw Crusher Inch Pin Change Out

**Upgrading Barrick (PJV) Past Plant Project)**

* Installation of Centrifugal Pumps
* Installation Conveyors System
* Installation Puts Meister Hydraulic Past Pump
* Installation F.L Smith Filters for Process Plant
* Laser Alignment for Drive Couplings
* Commissioning of All Mechanical equipment

OTML & Barrick PNG (PJV) **Mine** **(Crusher)**

* Conveyor Maintenance
* Spider Cap (6.5 Tone) Change Out/Rotate
* Reposition Crusher Bowl
* Crusher Mental Change Out/Rebuild
* Sump Pump Maintenance
* Change Out Vertical Wear Plate
* Change Out Apron Feeder Flyts and Links
* Jaw Crusher Shutdown Repairs

OTML/Barrick PNG(PJV) **IN pit Crusher Upgrading**

* Install Head/Tail End Pulleys for conveyors
* Install Apron Feeder, Links, Flyts & Idlers
* Install Screen & Electric Motor Gear Box
* Install Conveyer Rollers & Pulleys
* Install Numetic & Water Process Line
* Install Crusher Dump Wall Liners

OTML Mine **TPP Plant (**Installation &commissioning**)**

* Rebuild Knife valves
* Install Out Agitators, Stators, & Rotors
* Rebuild Thickener Underflow Pumps
* Concentrate Centrifugal Pump Maintenance
* Sump Pump Maintenance
* Change Out Pulley/

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