

## CURRICULUM VITAE 2017

### **1.0 PERSONAL PARTICULARS:**

FIRST NAME: ANGLEBERTH  
GIVEN NAME: MEKRE  
DATE OF BIRTH: 15th MAY, 1985  
MARITAL STATUS: MARRIED  
PLACE OF BIRTH: VANIMO GENERAL HOSPITAL  
HEIGHT: 170 CM  
WEIGHT: 67 KG  
VILLAGE: YAKO  
DISTRICT: VANIMO  
PROVINCE: SANDAUN WEST SEPIK  
NATIONALITY: PAPUA NEWGUINEAN  
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### ***AIM AND OBJECTIVE:***

- TO GAIN AS MUCH KNOWLEDGE OF THE WORKFORCE AND HELP THE DEVELOPMENT HUMAN RESOURCE IN THE COUNTRY.
- MEET THE COMPANY DATELINES OF THE PARTICULAR TASK ASSIGN
- GET WELL PAID JOB AND GOOD CONDITION TO SUSTAIN MY LIFE INCLUDING FAMILY IN FUTURE.
- LEARN FROM OTHERS AS POSSIBLE THE NEWSKILLS AND KNOWLEDGE IN TECHNOLOGY TO MEET CURRENT DEMANDS.

### **2.0 EDUCATION BACKGROUND:**

<b>INSTITUTION</b>	<b>COURSE/SUBJECT OR GRADE</b>	<b>PLACE</b>	<b>YEAR</b>
<b>21) AUSTRALIAN PACIFIC TECHNICAL COLLEGE, POMTECH</b>	CERTIFICATE III IN ELECTROTECHNOLOGY (ELECTRICIAN)	PORT MORESBY, NATIONAL CAPITAL DISTRICT, PAPUA NEWGUINEA	27 <sup>th</sup> JULY- 18 <sup>th</sup> DEC, 2015

<del>22</del> AUSTRALIAN MARITIME COLLEGE, TASMANIA	LEVEL I ELECTRONICS AND ELECTRICAL TECHNICAN	TASMANIA,AUSTRALIA	25 <sup>th</sup> MAY- 29 <sup>th</sup> JULY,2010
23)PNG MARITIME COLLEGE,MADANG.	BASIC SEAMANSHIP	MADANG,MADANG PROVINCE, PAPUA NEWGUINEA.	2008
<del>24</del> LAE POLYTECHNICAL COLLEGE	DIPLOMA IN ELECTRICAL ENGINEERING(ONLY FIRST YEAR )	LAE,MOROBE PROVINCE,PAPUA NEWGUINEA	2007
<del>25</del> UNIVERSITY OF TECHNOLOGY,DEPT.O F DISTANCE LEARNING	ENGLISH,CHEMISTRY AND PHYSICS TWO(2)	LAE,MOROBE PROVINCE	2006
<del>26</del> PASSAM NATIONAL HIGH SCHOOL,WEWEAK ESP.	GRADE ELEVEN(11) AND TWELVE(12)	WEWAK,ESP,PNG	2004- 2005
<del>27</del> ST.IGNATIUS SECONDARY SCHOOL	GRADE NINE(9) AND TEN(10)	AITAPE,WSP,PNG	2002- 2003
<del>28</del> HOLY TRINITY,BARO PRIMARY SCHOOL	GRADE ONE(1) TO EIGHT(8)	VANIMO,WEST SEPIK PROVINCE,PAPUA NEWGUINEA	1994- 2001

### **3.0 ACHIEVEMENTS**

*3.1 Certificate III in Electrotechnology (Electrician),Australian Pacific Technical College ,POMTECH*

*Port Moresby, Papua New Guinea, Currently undergoing Training 19<sup>th</sup> July - 18th December 2015.*

*3.2 Electronics and Electrical certificate, level I, Australian Maritime College, Pacific Patrol Boat Programme, PNGDF- ADF cooperation programme, Tasmania, Australia*

*3.3 Basic Seamanship Certificate, Madang Maritime College.*

*3.4 Diploma in Electrical Engineering (only first year), Academic transcript, Lae Polytechnical College, Lae.*

*3.5 Academic Transcript, UNITECH DODL, Academic Transcript, English, Chemistry and Physics Two (2).*

*3.6 Grade Twelve (12), Higher School Certificate, Passam National High School.*

*3.7 Grade ten(10),High School Certificate,St.Ignatius Secondary School*

*3.8 Grade Eight(8) ,Primary School Certificate, Baro Primary School*

#### **4.0 KNOWLEDGE GAINED:**

##### **4.1 Australian Pacific Technical College ,Certificate III in Electrotechnology (Electrician)**

- Basic Occupational Health and Safety, Australian Standard (AS)
- **Applied Electrotechnology I**
- Basic units of measurements (SI units in electrical and mechanical quantities,basic calculations
- Power, Work and Energy (principle of conservation of energy, energy losses and their effects in electrical machines and systems, relationship between force work  
work and power .
- Basic Concepts (electrotechnology)

- Basic Electric Circuit (simple electric circuit, circuit symbols)
- Ohm's Law (relationship between voltage, current, resistance and power, Determine V, I, R)
- Effects of electric current
- Sources of electrical energy (forms of energy changed into electrical energy)
- Measuring Instruments (basic principles of DC ammeters, voltmeters and ohmmeters)
- **Transformers (Single and Three Phase Transformers)**
- Basic operation of transformer
- Transformer principles and Construction (Basic transformer components, principle of operation of transformer
- Transformers Parameters (% Impedance of Transformer, equivalent circuit of a transformer, voltage regulation, calculation, efficiency, copper and iron losses in transformer
- Cooling Methods (methods used to cool a transformer)
- Instrumental Transformers
  - Transformer connections (star-delta connections, vector grouping, effects of incorrect transformer connections)
  - Transformers in parallel
- **Electrical Safe Working Practice**
- Principles of risk management (assess risk, identify non-electrical hazards, low voltage system
- Effects of high current
  - Importance of lockout, isolating and tagging
  - Step potential I, Touch Potential definition
  - High voltage procedure and Safety clearance

**- Single and Three Phase Motors (ALTERNATING CURRENT MACHINES)**

- Principles of 3 Phase motors, construction of three phase motors
- Three phase motors protection, Motor Starters, Wiring Diagram interpretation
- Construction of single phase motors
- fault testing
- synchronous motors and alternators
- Wiring of Star-Delta Three phase motors

**- Electronic Power and Control**

- Programmable controllers
  - programmable control Relay .operation of a programmable controller
  - Basic Programming
- Programmable logic Control Circuits
  - design and wire direct on line starters of motors using PLC
  - wire a soft starter
  - Forward and Reverse motor starter
  - Star- Delta Starter using PLC

**- Basic Lighting Circuits**

- 1 way, 2 way and 3 way switching
- Protection of lighting Circuits
- circuit protection devices (circuit breakers and fuses)

**4.2 Technical Electronics and 4.1 Electrical level I, Australian Maritime College (AMC), Tasmania Australia (3<sup>rd</sup> May- 30<sup>th</sup> July, 2010) , PNGDF - ADF Programme.**

- AC Theory and DC Theory, Component operation, batteries, power supplies

- AM/FM principles
- Digital techniques
- Frequency Management

***PRACTICAL***

- Soldering, Workshop Practice, Practical Electrical and Electronics.

***OTHER***

- Fire Fighting Basic

**4.2 Lae Polytechnical College, LAE, MP, Papua New Guinea, 2007.**

- Mathematics I Engineering, Elements in Electrical Engineering, Engineering Drawing, Electronics I and Computer Studies (SEMESTER I)
- Mathematics II Engineering, AC circuit theory, Engineering Materials, Digital Electronic, Principle of Management and Electrical Measurement (SEMESTER TWO)

**4.3 PNG Maritime College, Madang, PNG, 2008- Basic seamanship and fire fighting.**

**WORK EXPERIENCED:**

- With Papua New Guinea Defense Force Maritime Element since 2010;
- Installing 3 Phase and Single Phase Motors, Lightings, General Purpose Outlets (GPOs)
  - Installing Radar display, Electronic equipments such as direction finder, magnetic compass, gyro  
Compass from wiring diagrams
  - fault finding in electronics or electrical equipment such as radar, General positioning system (GPS), Echo sounder, VHF Radios
  - fault finding on generator power system
  - Testing and replacing batteries N200 from V16 cat main engines.

**5.0 HOBBIES:**

- Eating, Playing and reading Daily newspapers
- listening to country music (oldies)
- Favorite sport- Rugby and Surfing
- Favorite food- eating seafood and locally garden grown food

**6.0 INTEREST (S):**

- Technician in electrical trade in future
- specialize in electrical and electronics trade
- know more about electrical and electronics and how the system works in the industry or Workplace

**7.0 REFEREE (S)**

- PETER KAISER (Trainer) Electrical  
 Australian Pacific Technical College  
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- SEBASTIAN MARRU (LCDR)  
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