**PAUL HENRICK D. RETUTA**

Electrical Engineer/Master Electrician/Power Plant Operator



 25 General Lim , Orion Bataan, Philippines

 +639167290005

 rmereepaulhenrick19@gmail.com

 https://www.linkedin.com/in/engr-paul-henrick-retuta-97178a10b/

**AVAILABILITY: AUGUST 01, 2019 – onwards**

**SUMMARY:** A Power Plant Professionals with almost have 3 years experiences in the power generation and 2 years combine in the petrochemical and residential industry. A hard working and team player, ready to accept challenges on the field of expertise. Graduated Bachelors Degree in Electrical Engineering and currently pursuing the Masteral degree in Business Administration.

**TECHNICAL SKILLS . .**

* Condition monitoring of important motors/pump/fans and auxiliary equipment such as Condensate Extraction pump , Feed Pumps , Cooling Pumps , Draft Fan and Compressors
* Knowledge in switchyard operation and monitoring of parameters
* Knowledge in safe start-up and shut down of unit equipment
* Knowledge in manual/local operation, switching, isolation and de-isolation of generator, 69KV switchyard, 230KV GIS switchyard and LV/HV transformer
* Knowledge in the balance of plant (BOP), steam boiler and steam turbine operation
* Knowledge in P&ID interpretation
* Knowledge in permit to work (PTW) System
* Troubleshooting skills on abnormalities inside the plant area
* Familiarized, handled and calibrate industrial tools, equipment and instruments:

(Caliper, Multitester, Megger tester, Pressure/Flow/Level/Temperature transmitters, Pressure/Temperature gauge, Controllers, RTD’s, Thermocouples, PLC’s, Control valves, Manual valves, Motor, Pump, Compressor)

* Electrical System design and computation of loads, sizes of wire, circuit breakers with compliance to the Philippines Electrical Code
* Ability to communicate English using different media such as email, radio and telephone
* Investigation and writing a report of Accident, Incident and Near missed accident inside the plant

**COMPUTER SKILLS .**

* Proficient in any MS office applications (MS word, excel, power point)
* Knowledgeable in AutoCAD 2D&3D design
* Knowledgeable in computer hardware troubleshooting

**PROFESSIONAL BACKGROUND .**

**Power Plant Field Operator / Deputized HSE Officer***SMC Global Power / Mantech Power Dynamics Inc.
4x150MW CFB Thermal Plant
September 2016 – Present***Cadet Engineer***SMC Global Power / Mantech Power Dynamics Inc.
4x150MW CFB Thermal Plant
September 2016 – August 2017*

**Electrical and Instrument Technician***Philippine Resins Industries Inc.
Batangas Dos, Mariveles Bataan , PVC Petro Chemical Plant*
*March 04, 2016 – August 2016 (6 months)*

**Barangay Electrician**

*Brgy. General Lim , Orion Bataan
General Lim, Orion Bataan*
*March 2014- June 2015 (1 year and 4 months)*

**Electrical Aide (Internship)***Government Arsenal Department of National Defense
Lamao , Limay Bataan, Philippines*
*March 2014- June 2014 ( 4 months )*

 **Detailed Duties and Responsibilities**

**SMC Consolidated Power / Mantech Power Dynamics Inc.
As Power Plant Field Operator / Deputized HSE Officer**

* Understand and adhere to all Local, Corporate Safety and Environmental Policies Knowledge in switchyard operation and monitoring of parameters
* Follow all operating procedures and instructions (OPI)
* Maintains cleanliness of all equipment in his work place making it orderly and presentable at all times
* Checks lubrication, bearing temperatures of all equipment and machineries under his jurisdiction during his routine check-ups.
* Responsible for the normalization and valve line-up of boiler/turbine-generator equipment prior to start-up.
* Participate on Start-up and shutdown of the above-mentioned plant in accordance with Standard Operating Procedures and in coordination with supervisor and control room operator.
* Conducts equipment tests in coordination with control room
* Investigation of abnormalities, diagnosis and correction/reporting of equipment defects or trouble
* Responsible in the manual operation, switching , isolation and de isolation of generator , 480 Volts Breakers 69KV switchyard, 230KV GIS switchyard and LV/HV transformer
* Assist and teach cadet engineers about the protocol and daily routine of a field engineer/operator inside the plant
* Performs minor corrective/preventive of electrical/instrument/mechanical maintenance chores, equipment lubrication and housekeeping on the area of responsibility
* Assist Maintenance Personnel in troubleshooting major equipment trouble inside the plant
* Operate/monitor/inspection of Entire Turbine Generator and Boiler system

**SMC Consolidated Power / Mantech Power Dynamics Inc.**

**As Deputized Health and Safety Officer**

* Attend meetings organized by the QHSE Engineers and Supervisors to identify any health and safety concerns inherent in the operations daily work-plan inside the plant
* Promotes safe practices at the job site
* Enforces safety guidelines
* Conducts investigation in any near misses and incident
* Support the development of QSHE policies and program

**SMC Consolidated Power / Mantech Power Dynamics Inc.**

**As Part of Cadet Engineering Program of San Miguel Consolidated Power**

Methodology (10 months):
1. Pre-training orientation and other courses - HR/Company orientation/ team building , Values formation , Basic Occupational Safety and Health , Environmental seminar , Soft skills: business etiquette, presentation skills, time management
2. Power Plant Basic Training -- Understanding of Power Plant Steam, Mechanical Fundamentals and Principles.
3. Circulating Fluidized Bed Technology (CFB) -- Design and Function, Standard Operating Procedures, Economic Aspects of Plant operation and maintenance.
4. Line Tracing -- Plant familiarization byconducting line tracing of pipes, instrumentation and controls and other plant facility
5. Power Plant Training by Formosa Heavy Industries (FHI) -- Two week training on power plant basic concepts with emphasis on coding engineering and maintenance.
6. On the Job Training -- Power Plant Immersion, Hands on power plant operation and exposure on various areas and systems.

**Philippine Resins Industries Inc.**

**As Electrical and Instrument Technician**

* Interpret electrical and process control instrument plan, diagram and specification for effective and efficient troubleshooting, analysis and repair of all electrical instruments, control, and communication equipment.
* Execute preventive and corrective maintenance of all electrical/ instrument/ control and communication equipment as per approved schedule following the company standard operating procedure and works instructions.
* Execute calibration, loop checking and/or repair of all electrical/ instrument/ control/ communication equipment and submits report.
* Secure proper documentation and compilation of all instrumentation and calibration reports/document.
* Perform other related functions as may be assigned by superior from time to time.
* Participate in controlling and/or containing emergency situation such as fire, gas, leak etc.

**General Lim , Orion Bataan**

**As Barangay Electrician**

* Install, maintain, test, check and troubleshoot common household electrical equipment throughout the whole barangay including the barangay hall/office to ensure safety.
* Install electrical lighting systems on auxiliary outlets & lighting fixtures for the street of Barangay
* Participate on electrical works when there are upcoming activities on Barangay

**Government Arsenal Department of National Defense**

**As Electrical Aide**

* Maintain the Electrical Equipment of the Government Arsenal including Generators , Transformer and Circuit breakers.
* Troubleshooting Electrical Problems that occur during its working operations.
* Install additional lamps , switches and Convenience outlet of the facilities of Arsenal.
* Transfer supply to generator during power interruptions , operate and maintain its capability to supply power properly.

**EDUCATIONAL BACKGROUND .**

 Post Graduate/ Masteral Degree
 School Name New Era University
 Location Quezon City, Manila Philippines
 Course **Master in Business Administration ( June 2017 – 2020** )

Bachelors DegreeSchool Name Bataan Peninsula State University Location Balanga, Bataan
 Course **Bachelor of Science in Electrical Engineer (Graduated on May 2015)**

**SHORT COURSES / TRAININGS .**

Heat Rate Training - September 26, 2018

 Personality Development - October 11, 2018

 Electrical Protection Training - August 31, Sept 07, 2018

 CFB Training - June 02, 2018

 Refrigerated Air Dryer Training **-** April 03, 2018
Instrumentation and
 Controls Technology (NC II certified) **-** February 14, 2012 to March 2, 2012

 Basic Occupational Safety and Health  **-** February 2015

AutoCAD (2D & 3D) **-** March 18, 2012 to May 20, 2012

**PERSONAL DATA**

Birthdate: - May 19, 1994

 Birth Place - Balanga , Bataan Philippines

Age: - 24

Civil Status: - Single

Citizenship: - Filipino

Religion - Iglesia Ni Cristo

Language/Dialect Spoken - Tagalog/English

 **STRENGTHS :**

* Technically oriented person
* Emotionally matured and hardworking
* Determined person with strong desire for growth and success
* Immense ability to learn job related material primarily through oral instruction and observation to perform job duties.
* Remarkable ability to establish and maintain effective working relationships.
* Never give-up attitude
* Rational thinker

**AFFILIATION** Member of Institute of Integrated Electrical Engineer Bataan Chapter (IEEE-Bataan)-2014 up to Present

 **PAUL HENRCIK D. RETUTA, REE ,RME**
 APPLICANT