

## MARVIN G. SANTOS

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National Certificate II (2011)

Basic Occupational Safety and Health Course  
(WSO-B250031800006496)



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**Objectives:** To be able to work in an industry wherein I can contribute my knowledge and skills in building wiring, electrical designs and other electrical-related works.

### Personal Information:

Final Education: Industrial Electrical Technology II  
De la Salle John Bosco College, Mangagoy, Bislig City, Surigao del Sur, 2011

High School: De la Salle John Bosco College  
Mangagoy, Bislig City, Surigao del Sur, 2009

Elementary: De la Salle John Bosco College  
Mangagoy, Bislig City, Surigao del Sur, 2005

Permanent Address: PICOP Compound, PRI, Lower Camp, Purok 1, Tabon,  
Bislig City, Surigao del Sur, 8311

Present Address: Block 15, Lot 11, Phase 8B, Deca Homes and Residences, Tacunan, Davao City

Birth Date: September 9, 1992

Birth Place: Bislig City

Religion: Roman Catholic

Status: Married

Gender: Male

Hobbies: Playing Guitar, Cooking, Watching movies, Playing video games, Playing Basketball

**Professional Career:**

February 2019 to Present	Asiaphil Incorporated Asiaphil Group of Companies Davao City	Power Quality and Testing Services- Team Leader (Southern Mindanao)
September 2011 to 2019	Asiaphil Energy Solution Inc. Asiaphil Group of Companies Davao City	Filed Service Officer
February to March 2011	SURSECO II Surigao Del Sur Electric Cooperative Bislig City	On the Job Trainee

**Duties and Responsibilities of Present Job:**

1. Prepares Planned Gantt Chart per Transaction based on the Scope of Works submitted and/or provided by Planning Staff prior to Mobilization.
2. Conducts Regular Tool Box Meeting at site and ensures that Minutes of Meeting with attendance will be prepared & submitted to Planner 1 day before and after demobilization.
3. Perform on site works base on Scope of Works.
  - a. On-site testing and inspection of electrical equipment and devices.
  - b. Coordinating with customer representatives for any mobilization/demobilization and implementation concerns.
  - c. Overseeing pre-project implementation, including material requirements, manpower resources, etc.
  - d. Prepares required materials and equipment as well as monitors the timeliness, quality of workmanship and completeness of deliveries.
  - e. Ensures power/hand tools and test equipment are properly handled/maintained and recommends upgrades/replacement as needed.
  - f. Enforces safety guidelines at all times.
  - g. Reports all additive works that are excluded and/or deductive as required on the Scope of Works at site before performing.
4. Manages Transaction Budget and/or Cash Advances.

5. On-Time submission of Cash Advances, Liquidations and Reimbursements.
6. On-Time submission of Complete and Accurate Field Service Formal Reports, Service Reports & Test Results with Client's acknowledgement/signature per transaction.
7. Monitors assigned service vehicles of the team
8. Prepares Actual Gantt Chart per transaction based on the SOW submitted and/or provided by Planning Staff 1 day before and after demobilization.
9. On-Time Responses through E-mail/BBM/Viber/SMS/Cellular Calls on all issues concerning the assigned transaction.
10. Ensures "24/7 Availability" on all Emergency Service/s assigned by Section Heads/Field Service Planner.
11. Continuously seeks ways to improve productivity, as well as the team through upgrading of skills, coaching and counselling.

### **Electrical Test Equipment Proficiency**

1. Insulation Power Factor Tester
  - 1.1. Bushing Capacitance
  - 1.2. Excitation Leakage Current
  - 1.3. Bushing Hot Collar
2. Insulation Resistance Tester
  - 2.1. Polarization Index
3. Winding Resistance Tester
4. Transformer Turns Ratio Tester
5. Dielectric Breakdown Voltage Tester
6. Circuit Breaker Analyzer
7. Sulfur Hexafluoride Gas Analyzer
8. Sulfur Hexafluoride Gas Leak Detector
9. Contact Resistance Tester
10. Current/Potential Transformer Analyzer
11. 120kV DC High Potential Tester
12. Thermo Graphic Scanner
13. Battery Impedance Tester
14. Clamp Meter/ Multi-tester
15. Earth/Ground Resistance Tester
16. Sweep Frequency Response Analysis

**On Going Project: Sultan Kudarat Electric Cooperative, Sultan Kudarat, Supply, Installation, Testing and Commissioning of 20/25MVA 69kV/ 13.2kV Substation (February 2024)**

1. Complete Site Acceptance Tests and Commissioning of 20/25MVA Substation
  - 1.1 20/25MVA Power Transformer
  - 1.2 72.5kV Gas Insulated Power Circuit Breaker
  - 1.3 72.5kV Lightning Arresters
  - 1.4 72.5kV Instrument Transformers: Current and Potential Transformers
  - 1.5 72.5kV Disconnect Switch
  - 1.6 6 Vertical Sections Medium Voltage Switchgear

**Completed Projects CY 2022-2024:**

- **Therma Marine Inc., Power Barge, Maco, Davao de oro, Supply, Installation, Testing and Commissioning of 138kV Grid Supply**  
Interconnection of Controls, Installation, Testing and Commissioning of Rotor Protection Relay/ Controller, GE B30 Bus Controller, GE 345 Transformer and Generator Protection Relays, Siemens 7SR Feeder and Arc Flash Protection Relays, Conversion of SF6 Gas Insulated Circuit Breaker to GE SECOVAC Withdrawable Type Vacuum Circuit Breaker. (February 2024)
- **Franklin Baker Inc., Darong, Sta. Cruz, Davao Del Sur, Preventive Maintenance Service**  
Maintenance and Testing of 5MVA Power Substation. (April 2022)
- **Mall of ACE Centerpoint, Koronadal City, Replacement of 3 units 72.5kV Current Transformers**  
Replacement and Testing of Metering Class Current Transformers. (May 2022)
- **Del Monte Philippines, Inc., Bugo Cannery, Supply, Testing and Commissioning of 3 Vertical Sections 13.2kV Medium Voltage Switchgears**  
Interconnection of Controls, Testing of Electrical Equipment, Retrofitting of 3 units Vacuum Circuit Breakers and Commissioning. (December 2023)
- **Coco-Cola FEMSA Philippines, Davao City Plant 1 , Preventive Maintenance Service**  
Maintenance and Testing of Production Plant Electrical Equipment. (February 2023)
- **MAPALAD ENERGY Generating Corporation, Iligan City, Preventive Maintenance of Power Transformers**  
Maintenance and Testing of 20MVA and 2MVA Power Transformers. (October 2023)
- **Apex Mining Corporation, Masara, Maco, Davao de oro, Commissioning of Siemens Recloser- Switch Unit**  
Testing and Functionality of MIKRO 3000 OCR/ OVR Protection Relay. (November 2023)

- **Interbev Philippines Inc., Toril Davao City, Preventive Maintenance Service**  
Maintenance and Testing of Substation Electrical Equipment. (September 2023)
- **SM CDO Uptown, Cagayan de oro, Retrofitting of 10 units Merlin Gerin Air Circuit Breakers**  
Retrofitting of Air Circuit Breakers from Merlin Gerin to Siemens. (May 2023)
- **SOCOTECO II Sari and Damalerio Substation, General Santos City, South Cotabato, SCADA Connection**  
SCADA Protocol and Communication of Substation Operation, Power Meters and Protection Relays.  
(February 2024)
- **SHANGRI LA Boracay, Malay, Aklan, Preventive Maintenance Service**  
Maintenance and Testing of Electrical Equipment- 2x2MVA Distribution Transformers, 13.2kV First Private Pole, Instrument Transformers, Air Circuit Breakers, Load Break Switches and Retrofitting of Protection Relays from GE Multilin to GE 345 Transformer Protection Relays. (November 2023)
- **NORDECO Mirafuentes Substation, Tagum, Davao de oro, Regasketting and Reconditioning of 20MVA Power Transformer**  
Initial and Final Transformer Diagnostic Test, Replacement of Deteriorated Cork Gaskets and Transformer Oil Degassing. (June 2023)

#### **Trainings and Seminars:**

- World Safety Organization (WSO) Training (May 2015)
- Basic Occupational Safety and Health Course (March 2018)

#### **Eligibility:**

- National Certificate II  
Building Wiring, Installation and Motor Controller

## **Skills**

1. Knowledgeable about 138kV/ 69kV/ 13.2kV Switchyard/ Substation Servicing
  - 1.1 Complete Site Testing
  - 1.2 Preventive Maintenance and Upgrades
  - 1.3 Assembly/ Installation/ Positioning
  - 1.4 Electrical Design and Layout
2. Control Wiring and Power Cable Terminations from Low to High Voltage.
3. Can work under minimum supervision.

## **Character references:**

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|------------------------------|--|--------------|
| 1. Engr. Ibarra C. Gamuhay   | EXE Power Engineering<br>Service Head<br>Services Business Unit                        | 09177043547  |
| 2. Jonathan S. Sajona        | Epsilon<br>Product/ Sales Consultant<br>Southern Mindanao                              | 09173023995  |
| 3. Glenn S.A Casalme         | Asiaphil Incorporated<br>Power Quality and Testing Services<br>Service Department Head | 09989608015  |
| 4. Engr. Vismark D. Buquiran | Proton Power Pty LTD<br>High Voltage Protection Engineer                               | 0428 813 624 |