

## OBJECTIVE

I am enthusiastic about joining a leading organization where I can apply my technical expertise, innovative thinking, and hands-on experience to deliver impactful solutions. My goal is to advance my knowledge in emerging technologies, collaborate with dynamic teams, and contribute to projects that enhance connectivity and efficiency. I am committed to achieving excellence, fostering growth within the organization, and making a meaningful impact on the industry.

## CONTACT

PHONE:  
00966 536577481

ADDRESS:  
BAGUIO CITY, PHILIPPINES 2600

EMAIL:  
RD22.MADRID@GMAIL.COM

## SKILLS

- Licensed Electrical Engineer
- More than 20 years of progressive engineering management
- Photovoltaic Systems (Renewable Energy)
- Electrical house/building design and estimates
- Computer literate, experienced in AutoCad applications
- Experienced in fiber optics
- Carpentry/building – structure/furniture making
- Excellent in English communication, verbal and written
- Flexibility, problem solving, and creativity
- User research and technical reporting
- Usability testing, facilities and project management

# RODERICK MADRID



## HIGHLIGHTS:

---

- ❖ Licensed Electrical Engineer
- ❖ Graduate of Bachelor's Degree in Electrical Engineering
- ❖ Technical reporting and engineering management
- ❖ Electrical facilities management
- ❖ Photovoltaic Systems (Renewable Energy)
- ❖ Computer literate, experienced in AutoCAD applications
- ❖ Experienced College Instructor
- ❖ Excellent in English verbal and written communication
- ❖ Flexibility, problem solving abilities, and creativity
- ❖ User research, usability testing, facilities and project managements

## EDUCATION

---

**SAINT LOUIS UNIVERSITY - BAGUIO CITY, PHILIPPINES**  
OCTOBER 1997  
BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

## WORK EXPERIENCE

---

### SENIOR ELECTRICAL ENGINEER

ALPHA PLUS COMPANY – KINGDOM OF SAUDI ARABIA

### JANUARY 2025 TO PRESENT

---

- Designing, maintaining, implementing, or improving electrical instruments, facilities, components, equipment products, or systems for industrial, commercial, or domestic purposes
- Performing a wide range of engineering tasks by operating computer-assisted design or engineering software and equipment
- Conferring with customers, engineers, and others to discuss existing or potential engineering products or projects
- Ensuring that installation and operations conform to standards and customer requirements by preparing electrical systems specifications, technical drawings, or topographical maps
- Establishing construction, manufacturing, or installation standards or specifications by performing a wide range of detailed calculations
- Supervising or training project team members

- Ensuring compliance with specifications, codes, or customer requirements by directing or coordinating installation, manufacturing, construction, maintenance, documentation, support, or testing activities
- Writing reports and compiling data regarding existing and potential electrical engineering projects and studies
- Preparing specifications for purchases of electrical equipment and materials
- Estimating material, labor, or construction costs for budget preparation
- Maintaining electrical equipment. Working with variety of technicians
- Prepare, facilitate and evaluate field report and field findings. Practice occupational health and safety procedures
- Participates in workplace communication, work in team development, and practice career professionalism.

### **ELECTRICAL/MECHANICAL FIELD TECHNICIAN (TEAM LEADER)**

MODERN TECHNOLOGY COMPANY – MINISTRY OF INTERIOR PROJECT –  
KINGDOM OF SAUDI ARABIA

**JULY 2020 TO OCTOBER 2024**

- Designated as, but not limited to operation and maintenance of MOI project
- Performs the overall corrective and preventive maintenance of sites for the Client's (Ministry of Interior) Tetra networks. And all electro-mechanical devices and equipment
- Execute plans of electrical wiring for well functioned lighting, intercom, and other electrical systems
- Install electrical apparatus, fixtures and equipment for alarm and other systems Also installs safety distribution units
- Electrical circuits wiring interface and networks ensuring compatibility of components. Prevent breakdown of systems by routine inspection
- Perform effective troubleshooting to identify hazards or malfunctions and repair or substitute damaged units
- Inspect electrical components including transformers and circuit breakers
- Prepares daily activity report conducted by the team at site and submit it to NMC as well as Regional Manager
- Oversee operations and routine maintenance of Radio (AVIAT) controls and TETRA network connected devices such as but not limited to Sepura, Airbus, and Cassidian as well as towers
- Interprets technical drawing and plans. Undertakes/coordinates electrical and mechanical parts which need replacement/routine check-up and replacements
- Administers proper operation supply of electrical power to lighting and equipment loads of the site
- Perform mensuration and calculations. Make estimates as to quantity of materials required as indicated in the work order
- Prepare, facilitate and evaluate field report and field findings.

- Practice occupational health and safety procedures
- Participates in workplace communication, work in team development, and practice career professionalism

#### **SENIOR ELECTRICAL TECHNICIAN (TEAM LEADER)**

HOUSSAM CONTRACTING COMPANY – MINISTRY OF INTERIOR PROJECT –  
KINGDOM OF SAUDI ARABIA

JUNE 2015 to JULY 2020

- Designated as, but not limited to operation and maintenance of MOI project
- Performs the overall corrective and preventive maintenance of sites for the Client's (Ministry of Interior) Tetra networks. And all electro-mechanical devices and equipment
- Execute plans of electrical wiring for well functioning lighting, intercom and other electrical systems.
- Install electrical apparatus, fixtures and equipment for alarm and other systems. Also installs safety and distribution components.
- Electrical circuits wiring interface and networks ensuring compatibility of components. Prevent breakdown of systems by routine inspection.
- Perform effective troubleshooting to identify hazards or malfunctions and repair or substitute damaged units
- Inspect electrical components including transformers and circuit breakers.
- Prepares daily activity report conducted by the team at site and submit it to NMC as well as Regional Manager.
- Oversees operations and routine maintenance of Radio (AVIAT) controls and TETRA network connected devices such as but not limited to Sepura, Airbus, and Cassidian as well as towers
- Interprets technical drawing and plans. Undertakes/coordinates electrical and mechanical parts which need replacement/routine check-up and replacements
- Administers proper operation supply of electrical power to lighting and equipment loads of the site
- Perform mensuration and calculations. Make estimates as to quantity of materials required as indicated in the work order
- Prepare, facilitate and evaluate field report and field findings. Practice occupational health and safety procedures
- Participates in workplace communication, work in team development, and practice career professionalism

#### **TELECOM TECHNICIAN (TEAM LEADER)**

SAUDI TELECOMMUNICATIONS COMPANY (STC) by PREMIER TECHNOLOGY –  
KINGDOM OF SAUDI ARABIA

FEBRUARY 2012 TO APRIL 2014

- Designated as a Field Technician of the Company. Installation/Repair/Transfer of DSL/ADSL/VDSL
- Managed Fiber to the Home (FTTH) service orders via WFM system
- Fiber optics splicing and activation

- Adhere to the following:
  - FTTH Processes; Customer engagement, Installation, Repair, Fiber Access, customer handover, which also includes health and safety procedures
  - Ensure tools and equipment's are always in good working condition
- Manage customer/subscriber expectation and ensure professional handover
- Always represent Saudi Telecommunications Company (STC) in a positive manner

#### **STAFF EMPLOYEE**

**BENGUET ELECTRIC COOPERATIVE (BENECO) –**

**BENGUET/BAGUIO CITY, PHILIPPINES**

**JANUARY 2001 to MAY 2000/MAY 2009 TO DECEMBER 2011**

- Designing, maintaining, implementing, or improving electrical instruments, facilities, components, equipment products, or systems for industrial, commercial, or domestic purposes
- Numbering, surveying, and assessing of electric poles and transformers. On site recording of pole-to-pole assembly and line phasing
- Mapping of households/buildings of consumers. (AM-FM/GIS) using AutoCAD applications
- Facilitate in design and implementation of power lines/grid, and maintenance and operation
- Facilitate in maintenance and operation, and in implementing Republic Act 7832 (Anti Pilferage Act)
- Inspection of Application for Service Connection, and KWH meters of consumers industrial, commercial, or domestic purposes.
- Testing and Calibration of KWH meters, resealing, and documentation. Transformer load logging, commissioning, and monitoring
- Prepares and evaluates field reports and field findings
- Participates in workplace communication, work in team development, and practice career professionalism

#### **MAINTENANCE ENGINEER**

**BAGUIO COUNTRY CLUB CORPORATIONS –**

**BAGUIO CITY, PHILIPPINES**

**MAY 2008 TO MAY 2009**

- Plan, conceptualize, implement, and administer operational policies and general maintenance programs on a macro level and find application in a micro level for every sector of the department
- Assist in screening of applicants by way of a general recommendatory function
- Recommend measures or actions with respect to engineering works that may be undertaken by the department, particularly on details that concern technical electrical and or communication works

- Undertakes routine check-up and maintenance of plumbing and sewage system and fire protection facilities
- Oversee operations and routine maintenance of the steam boiler, submersible, and booster pumps for the distribution of hot and cold-water supply to the Baguio Country Club clients
- Administers proper operation of standby generator during power interruptions to ensure of supply of electrical power to lighting and equipment loads of Baguio Country Club
- Makes estimates as to quantity of materials required as indicated in the work order
- Undertakes/coordinates preventive maintenance of boiler, generator as well as chillers, freezers, and refrigerators; determines electrical and mechanical parts which need replacement/routine check-up and replacements like batteries, lubricating oil, bolts
- Oversee and monitor operations of the carpentry, painting, and communication sections ensuring smooth and efficient workflow. Keeps a record of daily activities of his staff control and monitoring purposes
- Ensure that all work orders of the different sections are accomplished before deadlines. Ensures a timely response to requests of members, guests, and visitors regarding services related to maintenance works
- Keeps history record of all club equipment and maintenance work done on each of them
- Points out to his staff regarding infractions of rules, regulations of the club
- Recommends measures to be taken regarding all maintenance related activities
- Reviews, directs, and monitor special maintenance projects of the club
- Participates in workplace communication, work in team development, and practice career professionalism

#### **COLLEGE INSTRUCTOR**

CORDILLERA CAREER DEVELOPMENT COLLEGE (CCDC) –  
BENGUET, PHILIPPINES

**JUNE 1998 TO APRIL 1999**

- Designated as educator/instructor of subjects such as College Algebra, College Physics, Plane and Spherical Trigonometry
- Handles, Basic Mathematics and Electronics for vocational courses
- Formulate descriptive course outline of subjects. Prepares/evaluates quizzes and examinations
- Engagement in workplace communication, work in team development, and practice career professionalism

## **PRIVATE PRACTICE/CONSULTATIONS (PART TIME)**

BENGUET/BAGUIO CITY, PHILIPPINES

---

**APRIL 2002 TO MAY 2015**

- Photovoltaic Systems (Renewable Energy), Electrical design/estimates. Low voltage line installations
- Designing, maintaining, implementing, or improving all electrical instruments, facilities, components, equipment products, or systems for industrial, commercial, or domestic purposes
- Ensuring compliance with specifications, codes, or customer requirements by directing or coordinating installation, manufacturing, construction, maintenance, documentation, support, or testing activities
- Monitors the subcontractors/works and raises suggestions for improvement in a timely manner