

PEDRO S. PRADO JR.

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Career Objective

To contribute my Electrical Engineering skills and potential to a dynamic-team organization, thereby ensuring the company's growth and future successes.

Profile Summary

6 years of multitasking engineering experience (2 years in design and consultancy exposed in site construction, cost and estimation and project supervision. (4 years, 3 months in UAE) experience in the field of HVAC manufacturing versatile on preparing Electrical BOM and technical data for project submittals and shop drawings.

Detailed Experience

Electrical Application Engineer

SKM Air Conditioning LLC, Industrial Area 13 Sharjah, UAE

June 2018 to Present

Duties and Responsibilities:

- Prepare Work Orders, Wiring Diagram, Control panel layout & Estimate BOM with required accuracy and within deadlines.
- Responsible in preparation of descriptive report and technical data for HVAC unit UL Certification
- Design and development of electrical part of Standard and customized HVAC Products.
- Selection of appropriate material as per project specification and design guidelines.
- Select alternate material from existing inventory stock and to enhance delivery.
- To verify the wiring diagram prepared by draftsman during order processing.
- Providing Technical data for projects submittals to sales.
- To follow up with OPT/Sales team for all work order related issues.
- Catalogue Preparation, IOM.
- Prepare Technical Data Sheet & Specification.
- Providing Technical data for projects submittals to sales.
- Prepare Item Codes as per Item Nomenclature.
- Check and evaluate Selection Software and Catalogue Ratings.
- Prepare data base required for software development.
- Modify and customized the product as per customer requirements through CRF (Contract review form).
- To perform value engineering to make project more profitable.
- Preparation of comparison data with competitor's product.
- Communicate with suppliers for technical compliance of new items.

QUALIFICATION & EDUCATION

Bachelor of Science in Electrical Engineering

University of Luzon,

Dagupan City Pangasinan Philippines

Completed October 2013 (5 years)

Electrical Installation and Maintenance (NC-2)

Technical Education and Skills Development (TESDA),

Lingayen Pangasinan, Philippines

Completed January 2012 (3 months)

LICENSED/ELIGIBILITY

Registered Electrical Engineer

Given by Professional Regulation Commission of the Philippines with Licensed No. 0056776

Registered Master Electrician

Given by Professional Regulation Commission of the Philippines with Licensed No. 0041237

CERTIFICATIONS

Technical Presentation of the LV/HV Type- Tested Switchgear And Power-box Busway System

February 2017

Power Plant Operation Distribution and Electrical Equipment Renewable Energy

August 2013

PLC & SCADA

MFI Foundation Inc.,

October 2012

Electrical Design Engineer

Mario A. Alix Philippines Inc., Manila, Philippines

September 2016 to March 2018

Duties and Responsibilities:

- Collaborate with the Architects, Structural, Mechanical, Sanitary and Fire Protection Engineers to come up with the most reliable, innovative, sustainable and cost effective design for a variety of projects to meet the client's expectations. Communicate with clients and contractors.
- Prepare and study technical drawings, specifications of electrical systems, fire detection and alarm system design, security, CCTV, Voice/Data communication, and Public Address and background music system to ensure that installation and operations conform to standards and client requirements.
- Preparation of Load Schedule, Voltage Drop and Single Line Diagram, Substation detail drawings, shaft co-ordination drawings for Electrical Services, RCP Layout Drawings for MEP Services.
- Design the cable size for MDB's, SMDB's and final DB's.
- Coordinate and direct manufacturing, installation, maintenance, testing, support and documentation to ensure adherence to the technical specifications, National Electrical Code, the Philippine Electrical Code, National fire Protection and the costumer's requirement.
- Inspect and review completed installations and observe operations to ensure conformance to the intended design and equipment specifications, and further compliant with the operational and safety standards.
- Review shop drawings, supplier drawings and technical submittals.

PROJECTS:

Bayprime Hotel

Mid-rise Residential and Mixed-use Development

Location: Lot 18-C, Aseana Business Park, Philippines

Science of the Soul Study Centre

Location: Hills, 9001 Don Jesus Blvd Barangay Alabang, Cupang, Muntinlupa, 1771 Metro Manila, Philippines

Electrical Engineer

AVP Industries Inc., Pasig City, Philippines

February 2016 to August 2016

Electrical Maintenance Engineer

GMA Network Inc., Quezon City, Philippines

August 2015 to January 2016

TECHNICAL SKILLS

- **Fluency in Microsoft Office suite** (MS Word, Excel, Outlook, Powerpoint)
- **AutoCad**
- **Autodesk Design Reviews / DWG Form**
- **DIALux**
- **ETAP**
- **EasyPower**
- **Microsoft Dynamics AX Complete ERP** (Enterprise Resources Planning Software)
- **Computer Literate**
- **Customer Oriented**

ORGANIZATION / MEMBERSHIP

Institute of Integrated Electrical Engineers of the Philippines, Inc. (IIEE), Metro Manila - Philippines

PERSONAL INFORMATION

Age: 29

Nationality: Filipino

Civil Status: Single

Drivers Licensed: UAE Licensed