

ADDRESS

#012 Tugtug
San Jose, Batangas

ABOUT ME

-self-motivated Electrical Engineer to maintain and support our industry-leading products and systems
-can work across a variety of functional groups that are directly involved in engineering, product development, and implementation

SKILLS

- Critical Thinking
- Electrical Measurements
- Active Learning
- Organizational Skills
- Innovative Thinking
- Interpersonal Communication
- Equipment Maintenance
- Systems Evaulation

Registered Electrical Engineer

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WORK

Present
- **JG Summit Petrochemicals Group**
  Electrical Commissioning Engineer
  Associate Electrical Engineer
  Electrical Substation Engineer
  Electrical Turnaround Engineer

Sept 2018 – Nov 2017
- **JG Summit Petrochemicals Group**
  Electrical Technician

Dec 2017 – Sept 2017
- **De La Salle Lipa University**
  Electrical Engineering Professor

EDUCATION

June 2017 – June 2012

De La Salle Lipa University
Bachelor of Science in Electrical Engineering

- Most Outstanding Student.
- EE Department Quizzer
- Scholar
  -Commission on Higher Education
  -Provincial Social Welfare and Development (PSWD)
  -Batangas Provincial Scholarship Assistance Program

SEMINARS ATTENDED

- -Medium and Low Voltage Switchgear Maintenance
- -UPS GUTOR Certifcation Training
  -TapRoot – Root Cause Analysis
- -Dissolved Gas Analysis Technical Seminar

HOBBIES

Chess, trivia, reading, movies

TECHNICAL SKILLS

Precision Work Instruction

Standard Operating

Ultrasonic Inspection

Electrical Management & Monitoring System

Cathodic Protection System

Thermography using Thermal Imager

Microsoft Office Application

SAPgui

GUTOR UPS



DUTIES AND RESPONSIBILITIES

Electrical Commissioning Engineer for Expansion Projects

- Implementing the testing and commissioning program for the electrical discipline
- Applying the company commissioning approach and philosophy to ongoing expansion projects
- Independently conduct commissioning reviews of project documents
- Independently conduct construction progress inspections
- Independently conduct commissioning inspections and execute commissioning tests based on documented procedures
- Identifying system conditions that are abnormal, determining their cause, and recommending corrective actions
- Executing work in a manner compliant with the project schedule
- Performing all other activities as required of a Commissioning Engineer
- Testing and Commissioning of protection relays, switchgear, and transformers
- Modification and configuring protection schemes and logic programs as per requirement during Commissioning
- **Special Skills:** Hands-on Experience in the following:
- **1.** ABB Make – REF620,REF615,REM620,REC670,REB670 etc
- **2.** ABB Make PCM Software
- **3.** Omicron Make Secondary Injection Kit (CMC 356)
- **4.** PONOVO Make Secondary Injection Kit
- **5.** ABB Make MV & LV Switchgear
- **6.** ABB Make RCU Panels
- **7.** ABB Make Power Transformers both MV and LV
- **8.** SIEMENS Make – SIPROTEC Relay and DIGSI Software
- **9.** Megger Make 15kV MIT1525 Insulation Resistance Tester
- **10.** PONOVO Make CT/PT Tester
- **11.** ABB Make – AUCOM MV Softstarter
- **12.** GUTOR Make – AC UPS & Battery Charger (DC UPS)
- **13.** ABB Make IS Limiter 13.8kV
- **14.** GE 40MW GT Load Bank Testing
- **15.** ABB Make MV & LV Capacitor Banks

Associate Electrical Engineer

- responsible for improving operations and maintenance tasks to provide optimal performance
- Support the work preparation process to ensure job plans are prepared that explains the correct proactive tasks for effective work execution
- Reviews engineering specifications and drawings, proposing
- Participate in and take relevant agreed actions for team meetings to ensure equipment capabilities and help to develop a culture focused on solutions
- Provides technical support to operations, execution and maintenance management, process and technical personnel
- Keep appropriate records to track program or equipment changes
- Establish a systematic PM review process to ensure the effectiveness of the existing PM program
- Prepare work packages for Turn Around Maintenance
- Perform preventive and corrective maintenance to ensure the plant is operating in its overall maximum production and efficiency
- comply with all company Safety, Health, and Environmental policies and Standard Operating procedure
- Develop, modify and implement improvements on all electrical assets and systems
- Provide electrical support for Naphtha Cracker Operations

Electrical Turnaround Engineer

- Coordinate and ensure that all Turnarounds/Major Shutdown activities and work orders are implemented in an effective manner and in compliance with company quality, health, environmental, and safety practices and procedures
- Track actual execution of Turnarounds/major Shutdown against the plan, recommend changes if needed, and communicate the same with the concerned personnel
- Participate in developing Turnaround/Major Shutdowns critical path, activity logic, estimated budget, and expected outcomes
- Assist in managing and coordinating Turnaround tendering and contracting activities, such as attending pre-tender meetings, answering queries, evaluating and awarding contracts
- Ensure that turnarounds/Major Shutdowns processes and procedures are properly followed and continuously improved and coordinate with all concerned departments to ensure that all required resources are available and ready to execute the work
- Perform other related duties as assigned by the Team Leader Turnaround