

CALPITO, PAUL MATTHEW B.

REGISTERED ELECTRICAL ENGINEER

SUMMARY

A driven Registered Electrical Engineer with experience working on projects in the Oil and Gas industry.

Knowledgeable in the design of PV and Battery Storage installation projects for residential homes.

SKILLS

- Familiar with NEC, ATEX & IECEx standards
- Knowledgeable in using MS Office, AutoCAD, Aurora, and Salesforce
- Understanding of other engineering disciplines
- Ability to maintain service-level agreements
- Project Management
- Effective Communication

CONTACT

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EXPERIENCE

PROJECT DESIGN ENGINEER | SUNPOWER 03/2022 – 05/2024

- Design residential roof solar and battery energy storage system projects comprising of roof layouts, structural details and calculations, electrical line diagrams and calculations, bill of materials, and product specifications.
- Ensure the design and permit package complies with the codes and requirements of the Authority Having Jurisdiction.
- Interact regularly with Design Engineer colleagues, Team Lead, other team members in the US, and Stakeholders for process alignment.
- Possess a deep understanding of the design guidelines and apply the techniques and skills necessary to execute tasks.

ELECTRICAL FIELD ENGINEER | I&E INDUSTRIAL SYSTEMS SERVICES, INC. 12/2021 – 03/2022

- Monitor the day-to-day Solar Farm operation.
- Coordinate with the main contractor on the operation and maintenance of the solar farm.
- Assist in the installation of solar farm equipment.
- Records and reports the daily production numbers of the solar farm.
- Conduct inspections in the solar farm facility and report any issues found in the inspection.

ELECTRICAL ENGINEER | I&E INDUSTRIAL SYSTEMS SERVICES, INC. 04/2019 – 12/2021

- Checking, interpreting, and preparation of E&I drawings, schedules, BOQ, BOM, and material specifications.
- Accomplishing materials take-off, man-hours and equipment hours estimations.
- Prepare technical proposals and other necessary documents for project bidding.
- Collaborate with other contractors to accurately design projects.
- Conduct site surveys to accurately design projects with respect to the site conditions.
- Ensure safe practices are being observed by conducting inspections in the work area.

EDUCATION

BS ELECTRICAL ENGINEERING | UNIVERSITY OF SANTOTOMAS 2013 – 2018

- Sports Coordinator of the Electrical Engineering Circuit Executive Board (A.Y. 2017 – 2018)

CERTIFICATIONS AND TRAININGS

GOOGLE PROJECT MANAGEMENT: PROFESSIONAL CERTIFICATE | COURSERA 2024

- Program focused on acquiring skills in project management methodologies, tools, and techniques.

HAZARDOUS AREA EXPLOSION PROTECTION | I&E INDUSTRIAL SYSTEMS SERVICES, INC. 2019

- Training to enhance the awareness, knowledge, and skills in working in areas with explosive atmospheres.

CONSTRUCTION PROJECT MANAGEMENT | CADVISION ENGINEERING TECHNOLOGIES 2018

- Course focusing on managing Construction Projects using the Primavera software.