

# SEGEMIL SALVADOR DIZA



Mobile No. (+63)960-555-3307  
[dsegemil@gmail.com](mailto:dsegemil@gmail.com)

## **PREFERRED POSITION:**

Electrical Engineer

## **QUALIFICATIONS:**

- 13 years of job experience as Electrical Engineer
- Saudi Aramco approved QC Electrical Inspector for the Project: "Upgrading of Security Facilities in Haradh GOS Plant 1, 2 & 3 and Hawiyah GOS Plant 3 & 4" Saudi Aramco
- Graduated from the Mariano Marcos State University in Batac City, Ilocos Norte, Philippines on April 3, 2008 with the degree of Bachelor of Science in Electrical Engineering
- Passed the Registered Electrical Engineer Licensure Examination given by the Professional Regulation Commission of the Philippines in September 2008
- Saudi Aramco approved Work Permit Receiver for hot works, cold works and confined spaces
- Can use the Auto Cad in preparing electrical drawings
- Can use the computer in its basic application like MS word, MS excel, MS power point

## **PERSONAL DATA:**

<b>Age:</b>	37 years old
<b>Date of Birth:</b>	March 12, 1986
<b>Place of Birth:</b>	Batac City, Ilocos Norte Philippines
<b>Gender:</b>	Male
<b>Civil Status:</b>	Married
<b>Citizenship:</b>	Filipino

## **EMPLOYMENT:**

### **JC Electrofields, Power System Inc.**

#### **Site Electrical Engineer**

**July 25, 2022 – Present,** Construction of 65 Megawatts "Garcia 2" Solar Power Plant at Brgy. Paguludan-Salindeg, Currimao, Ilocos Norte

#### **Duties and Responsibilities:**

- Review electrical plans and drawings.

- Site inspection and monitoring on the assigned location, PV, HV and O&M building.
- Check, request and prepares electrical materials needed in the site.
- Carry out inspection of the materials when it arrives in the warehouse to ensure its conformity to the client's approval, specification and Purchase Order.
- Supervise and inspect all electrical works and coordinate with construction engineers, foreman and electricians in the job site.
- Monitors daily materials consumption used at site.
- Monitors and submits weekly Progress report on all electrical items of work to the Project Manager.
- Responsible for timely completion of the assigned jobs and maintain project schedule.
- Conduct daily tool-box meeting regarding the job activities, safety and health.
- Ensure that all site personnel have safety awareness prior to startup of daily activities.

## **Rezayat Company Ltd.**

### **Construction and Maintenance Division**

Po Box 90 Al Khobar Saudi Arabia, 31952

June 28, 2014 – March 12, 2022

Electrical Engineer II, QC Electrical Inspector

### **Projects involved with, under Saudi Aramco:**

1. July 2020 – September 2021, Renovation of GOTS & PD Building at Udhailiyah, Saudi Aramco
2. July 2018 – June 2020, Upgrading of Security Facilities in Haradh and Hawiyah GOS Plant
  - Haradh GOS Plant 1, Haradh GOS Plant 2 & Haradh GOS Plant 3
  - Hawiyah GOS Plant 3 & Hawiyah GOS Plant 4
3. April 2015 – October 2016, Upgrading of Main Switchboard in Bldg. 554, JHAH, Dharan Saudi Aramco
4. 2014 - 2016, Renovation of Primary Care Phase-1 Bldg. 50, Dharan Saudi Aramco
5. 2014 – 2018, Renovation of John Hopkins Aramco Health Care – Al Hassa,
  - Package 1 – EMS and UCU Renovation at 1<sup>st</sup> floor bldg 1
  - Package 2 – Renovation of Radiology and Rehabilitation at 1<sup>st</sup> floor bldg. 1
  - Package 5 – Renovation of Operating Room wards at 2<sup>nd</sup> floor bldg. 3
  - Package 6 – Renovation of High Dependency unit and Pediatrics at 2<sup>nd</sup> floor bldg. 3
  - Package 9 – Renovation of Medical and Surgical wards at 3<sup>rd</sup> floor bldg.3
  - Package 0 – Construction of New Substation for JHAH – Al Hassa

### **Duties and Responsibilities:**

- Conduct site inspection and ensure all electrical installation must comply with the construction specifications, project scope of work, IFC drawings and all activities are in strict compliance with the approved SAES (Saudi Aramco Engineering Standards) and (SATIP, SAIC, SATR) inspection procedures.
- To Verify the Readiness of Inspection before issuing (RFI), Request for Inspection.
- Prepares (RFI) Request for Inspection for materials delivered at the project laydown area and check if materials are as per the approved material technical approval from the project management team prior to site installation.
- Review of Quality documents (Material Test Certificate, Compliance Certificate, and Manufacturer testing reports, equipment's tag/marks and shipping details or delivery reports) for all materials delivered.
- Update all Log-sheets pertaining to materials receiving inspection and file all RFI's.
- Keeping all records and documentations related to Material Receiving.
- Performs surveillance inspection on a regular basis for the proper storage and

handling of materials on the lay down area.

- Informs the Project Management Team (PMT) and the Project Inspection Department (PID) for a joint site visual inspection for the approval of RFI's.
- Notifies the construction site engineer regarding a "pro-active" item observe at the jobsite if there is a non-compliance for their rectification.
- Highlighting all discrepancies observe during monitoring inspection, record in the inspection log book and informing the same to the QC Supervisor and QC Manager.
- Initiate NCR as required in consultation with the QC Supervisor and QC Manager.
- Follow up of corrective and preventive action for NCR issued and verification of effectiveness of the same.
- Taking immediate remedial to clear inspection log book comments.
- Submitting daily report to QC Supervisor and QC-Manager at the end of each day of work for further evaluation and documentation purposes.
- Prepares RFI's for all electrical installation done for the approval of PMT and PID.
- Prepares RFI's for all testing of electrical equipment's and submits reports for the approval of PMT and PID before energization.
- To check the calibration date, proper functioning and utilization of testing instruments.
- Supervise Megger testing, line continuity checking, earth testing, phase sequence, tagging and voltage level testing of cables.
- Supervise cable pulling, termination, splicing, jointing and testing of cable.
- Supervise the laying of directly buried power cables, trench excavation and construction of electrical duct banks.
- Monitor the Underground installations for red concrete tiles and electrical warning tapes, check the required burial depth and spacing requirements and clearances from other utilities prior to backfilling.
- Supervise the installation of grounding system, laying of copper conductor and installation of ground rods if as per IFC drawings and Saudi Aramco engineering standards.
- Witness testing of grounding systems and make sure that it conforms to the required resistance needed in the area.
- Supervise the installation of electrical and instrument cable trays and conduits, field instruments, electrical mounting racks and panel boards, dry-type transformers, lighting fixtures, UPS and their accessories.
- Inspection of Electrical Equipment functions test and Illumination level testing of the lighting system.
- Inspection of electrical Panels boards installation and termination, cable routing and correct tagging's, stub outs and conduits installation.
- Check and prepare all electrical and instrumentation drawings, one-line diagrams, its apparatus and materials, detail drawings prior to work implementation.
- Conduct surveillances and monitor construction activities in all related to electrical and instrumentation.
- Initiate testing and pre-commissioning activities to related electrical equipment's.
- Reviews approved electrical shop drawings and check it in the jobsite for inspection on the installations of electrical materials.
- Reviews approved method statements and check it in the jobsite during the execution of electrical job activities.
- Provided pre-installation and final installation inspection.
- To coordinate with the construction site engineer and site foreman to plan co-ordination and control work activities in accordance with IFC drawings, project scope of work, work method, inspection & construction specification requirement.

- To coordinate with other discipline Quality Control inspectors, for ensuring that all other discipline activities are well coordinated with Electrical activities.
- Attend weekly quality and construction meetings to resolve construction and quality issues prior for smooth flow of construction activities.
- Providing necessary information regarding the electrical job to the workers to improve the quality of work as well as to work safely considering safety is also a part of quality.
- Coordinate and prepare various documents such as test inspection reports and inspection log books.
- Reviewed and implements contractor's quality manual, quality control procedures (QCP) and Inspection Test Plans (ITP).
- Do compilation of all inspection reports and related documentation for project record books and references.

## **6. Rezayat Estimation Department – Additional Activity**

### **Duties and Responsibilities:**

- Attends Job-Explanation meetings from the client Saudi Aramco and conduct site visits for the given project for bidding to determine the scope of work and how to execute the job and include all items needed for electrical including materials, Testing and Commissioning.
- Analyze and review electrical Issued For Bid (IFB) drawings, Aramco Construction Specifications and Scope Of Work.
- Request quotations and inquiries to Aramco approve suppliers for all materials and 3<sup>rd</sup> party Testing and Commissioning needed on the scope of work.
- Prepares summary, estimates and quantify all electrical items needed for bidding.
- Submit the electrical bid summary to the estimation manager to finalize with other engineering disciplines for Civil, Mechanical, Communication and Instrumentation.

## **Currimao Integrated Builders Corporation**

Pob. 1 Currimao, Ilocos Norte Philippines

January 15, 2009 – June 15, 2014

Electrical Engineer

### **Duties and Responsibilities:**

- Prepares electrical plans and drawings.
- Site inspection and site survey for location of projects to be undertaken.
- Estimate and Prepares electrical items needed in the project scope of work.
- To conduct inspection of electrical materials and submits proposal for clients approval.
- Prepares materials request needed in the job site.
- Carry out inspection of the materials when it arrives in the warehouse to ensure its conformity to the client's approval, specification and Purchase Order.
- Supervise and assist all field works and coordinate with construction foreman of all electrical equipment ready to be installed.
- Monitors daily materials consumption used at site.
- Monitors and submits weekly Progress report on all electrical items of work to the Project Manager.
- Provide technical assistance to all Site foremen's in order to meet quality working

standards according to specifications.

- Responsible for timely completion of the assigned jobs and maintain project schedule.
- Conduct daily tool-box meeting regarding the job activities, safety and health.
- Ensure that all site personnel have safety awareness prior to startup of daily activities.
- Performs other duties and responsibilities assigned to..

**Membership in Professional Organization and Trainings Attended:**

- Member of the Saudi Council of Engineers (SCE)
- Member of the Institute of Integrated Electrical Engineers of the Philippines Inc. (IIEE). (Membership Valid until March 31, 2023)
- Saudi Aramco Work Permit Receiver, Certificate valid until November 4, 2020.
- Attended Electrical ARC FLASH Seminar at Saudi Aramco, Dharan on November 16-19, 2015.
- First Aid for Industrial Employees, Basic Life Support and CPR Training under the Philippine Red Cross held on February 5-7, 2014 at Laoag City Philippines.
- 2010 National Mid- Year Convention and General Membership Meeting by the Institute of Integrated Electrical Engineers of the Philippines held at Baguio Country Club, Baguio City Philippines on May 27- 29, 2010.
- Basic Occupational Safety and Health for Construction Site Safety Officers (40-hour training course) held on October 18-22, 2010 at Laoag City Philippines.

**EDUCATIONAL BACKGROUND:**

- COLLEGE

**Bachelor of Science in Electrical Engineering (2003-2008)**

Mariano Marcos State University, College of Engineering, Batac, Ilocos Norte, Philippines

- HIGH SCHOOL

**Secondary Education (1999-2003)**

Ilocos Norte National High School,  
Ablan Avenue Laoag City, Ilocos Norte,  
Philippines

**DATE AVAILABLE: Anytime**

I hereby certify that the aforementioned information is true and correct to the best of my knowledge.

**SEGEMIL SALVADOR D.**

Registered Electrical Engineer, PRC Reg. No. 41901  
(Applicant)