

Elizaldy Felicitas Abansado



PERSONAL DATA

Age: 40
Date of Birth: Jul 26, 1968
Gender: Male
Civil Status: Married
Height: 166.41 cm
Weight: 65 kg
Nationality: Filipino
Religion: Christianity - Catholic

EDUCATION

Highest Education

Education Level: Prof'l License(Passed Board/Bar/Prof'l License Exam)
Education Field: Engineering(Electrical/Electronic)
Course: BSEE
School/University: UNIVERSITY OF MINDANAO
Location: DAVAO CITY
Date: Jun 1985 - Mar 1990

LICENSES/CERTIFICATIONS

License/Certification Exam Taken	License/ Certification No.	Date
1. Registered Electrical Engineer (REE)	0001719	Aug 9, 1991

WORK EXPERIENCED

I have been working for 16.0 year(s).

1. Position: **LEAD ELECTRICAL ENGINEER**
Duration: Nov 29, 2007 - Aug 31, 2008(0.8 yrs)
Company: CHIYODA SINGAPORE (PTE) LTD.
Company Industry: Oil / Gas / Petroleum
Location: Singapore
Department: Electrical
Job Description: Prepare electrical detailed engineering design for upgrading of various equipment plant system in conformance with Shell DEP engineering standards; Develop electrical design deliverables like drawing/document list, equipment specific requirements, requisition/data sheets for HV & LV switchboard and electric motors, bid analysis, single line diagram, G.A. & schedule of LV switchboard, HV & LV control circuit diagram, cable

routing & trench layout, equipment layout, lighting layout, power & grounding layout, lightning layout, and cable list/schedule; Perform various electrical calculations such as, utility data, cable sizing and voltage drop calculation, OCPD/circuit breaker sizing, earthing, and lighting calculation; Conduct site survey and attend project & other relevant meetings; Prepares technical queries to the client; Review/check drawings/documents and equipment data & requisition sheet (EDRS) from vendor.

2. Position: **ELECTRICAL DESIGN ENGINEER**
Duration: May 14, 2007 - Sep 16, 2007(0.3 yrs)
Company: FLUOR DANIEL CONSULTANTS B.V.
Company Industry: Oil / Gas / Petroleum
Location: Kuwait
Department: Electrical
Job Description: Perform Basic Engineering Package (BEP) and electrical detail engineering design for new UPS and DC system in conformance with Kuwait National Petroleum Company (KNPC) engineering standards, NFPA 70, IEEE and IEC standards; Develop electrical design deliverables like equipment specific requirements, single line diagram, block diagram, cable routing layout, equipment layout, lighting layout, grounding & lightning layout, panel board schedule, and cable schedule; Perform various electrical calculations such as, UPS sizing, battery charger load and sizing calculation, cable sizing and voltage drop calculation, circuit breaker sizing earthing calculations, illumination lighting calculation.
3. Position: **SENIOR ELECTRICAL ENGINEER**
Duration: Apr 5, 2006 - Apr 9, 2007(1 yrs)
Company: CONTROL & APPLICATIONS EMIRATES
Company Industry: Oil / Gas / Petroleum
Location: Abu Dhabi, UAE
Department: Electrical
Job Description: Projects Involved:
ASAB Gas Development Plant Phase-II Project (AGD-II) - GASCO
BeeAT Central Environment Protection Facilities - TAKREER (CLIENT-ABU DHABI OIL REFINING COMPANY)

Duties and Responsibilities:
Review design drawings and other technical documents to ensure compliance with applicable contract requirements, specification and company standards; Liaise with contractor's design staff as and when required to ensure efficient resolution to any issues identified during the design work; Attend project and other relevant meetings; Prepares technical queries to the contractor; Prepares timely response to Request for Information (RFI) from the site; Carried out the detailed engineering design for above and underground power distribution and control systems, grounding layout, load schedule, cable schedule and miscellaneous details; Performs the engineering design calculation such as cable sizing, voltage drop, circuit breaker sizing, conduit fill, lighting illumination and short circuit analysis; Skillful in carrying out design calculations as a tool for design checks by utilizing hand and computer software; Participates in task forces related to technical and organizational matters; Responsible for detailed material take-off and estimate; Responsible for material management prior to purchasing; Participate in testing and inspection activities at site and at vendor/sub-contractor facilities; Functions coordination with the client and other engineering discipline.

4. Position: **ELECTRICAL ENGINEER (ENGINEER-1)**
- Duration: Jul 8, 1996 - Sep 19, 2005(9.2 yrs)
- Company: PETRO-INFRASTRUCTURE ENGINEERING CONSULTANTS CO. (PI-CONSULT)
- Company Industry: Oil / Gas / Petroleum
- Location: AL-KHOBAR, KSA
- Department: Electrical
- Job Description: Projects Involved:
- Electrical Upgrade of Switchgear Room of Qatif Bulk Plant and Substation no. 17 Load Transfer, Plant 100. (SAUDI ARAMCO)
 - Electrical Design Al-Khafji 115/13.8 KV Substation No. 3 (SAUDI ARAMCO)
 - Substation No. 6 & 13, and Maintenance Bldg @ Berri Gas Plant (SAUDI ARAMCO)
 - Electrical Design Dharan Light Industrial Park (LIP Bldg. no. 3137 SAUDI ARAMCO)
 - North Stabilizer Area Lighting Panels Upgrade @ Abqaiq Plants (SAUDI ARAMCO)
 - Outdoor Lighting Control System @ Abqaiq Plants (SAUDI ARAMCO)
 - Renovate Juaymah Offshore Platform Control Room (SAUDI ARAMCO)
 - Substation Yard Oil Filled Switches @ Hawiyah GOSP-3 (SAUDI ARAMCO)
 - Replacement of Inverters, Rectifiers & DC Panelboards under BI-10-00105 (SAUDI ARAMCO & YANBU NGL Plant)
 - Installation of 13.8 KV Power Service and Electrical Upgrade at Abqaiq (SAUDI ARAMCO)
 - Connect Sump Pump GM-232A/B to Emergency Generator at Shedgum Gosp-5 (SAUDI ARAMCO)
 - NALCO Expansion Project
 - New Operation, Maintenance and Engineering Building at Riyadh Refinery (SAUDI ARAMCO)
 - Replace Shelters & Upgrade Photovoltaic Systems at four Communication Sites Qassim/Riyadh Pipeline (km 88,167,232,264) (SAUDI ARAMCO)
 - Installation of New Oil Wells and Upgrade of Existing Oil Wells at Abu Hadriyah and Fadhili Drill Sites under BI-10-08289-031 (SAUDI ARAMCO)
- Duties and Responsibilities:
- Prepares Construction Scope of Work point-by-point, comprehensive and complete instruction for the construction activities; Prepares drawing control showing the weekly status of the drawings; Carried out the detailed engineering design for above and underground power distribution and control system, grounding system, one line diagram, load schedule, cable schedule, interconnection diagram, lighting illumination, lightning protection system, fire alarm system and cathodic protection system; Carried out the electrical engineering design calculation such as, short circuit analysis, sag & tension, circuit breaker sizing, feeder sizing, voltage drop, battery & battery charger sizing, transformer sizing, conduit fill, cable tray sizing, lighting illumination, grounding and cathodic protection; Searches existing drawings in the Saudi Aramco engineering library for the drawings that requires for revision as part of the engineering design; Generates a new drawing if necessary, to develop completely the detailed engineering design package; Conduct site survey to evaluate the site conditions and verify the job requirements in the site as per the scope of work of the project; Provides support to multi-discipline engineering team in Conceptual Studies, Conceptual / Basic Design and Detailed Engineering; Prepares Material Take-Off and estimate based on the detailed engineering design; Functions coordination with the client and other engineering discipline.

In-house assigned projects:

June 2004-Sept. 2004 - DAR AL-RIYADH - Al-Khobar, Saudi Arabia
Electrical Engineer

Projects Involved:

Western Region Two Grade of Gasoline - Jizan Bulk Plant (SAUDI ARAMCO)

June 2002-December 2002 - NESMA - Al-Khobar, Saudi Arabia
Electrical Engineer

Projects Involved:

Jubail United Petrochemical Co. (JUPC) Project

August 1999-Dec. 1999 - ABB Contracting Co., Ltd. - Dammam, KSA
Electrical Engineer

Projects Involved:

380/230 kV Al-Fadhili Substation (SCECO-JUBAIL)

Duties and Responsibilities:

Carried out the detailed engineering design for power distribution systems, grounding layout, one line diagram, load schedule, cable schedule, interconnection diagram, lighting illumination, lightning protection system, telephone, fire alarm system and cathodic protection system, and miscellaneous details; Carried out the electrical engineering design calculation such as, short circuit analysis, circuit breaker sizing, feeder sizing, voltage drop, transformer sizing, conduit fill, cable tray sizing, lighting illumination, grounding and cathodic protection; Prepares engineering design for front and rear view of the medium and high voltage switchgear; Carried out detailed material take-off and estimate for electrical systems such as: power, lighting illumination, grounding, cable tray, cable trench and underground wiring system; Functions coordination with the client and other engineering discipline.

January 1998-June 1998 - SA KENT - Al-Khobar, Saudi Arabia
Electrical Engineer (Lead)

Projects Involved:

-Upgrade 2.4 kV Switchgear (SHEDGUM GOSP-4, SAUDI ARAMCO)
-Upgrade SSD Fence Perimeter Lighting (SHEDGUM GOSP-4, SAUDI ARAMCO)

Duties and Responsibilities:

Supervise a group of engineers in executing detailed electrical system design: functions include coordination with client and other engineering discipline; record, monitor and control design progress and schedules; responsible for detailed review and check of electrical design; Carried out the detailed engineering design for power distribution systems, grounding layout, one line diagram, load schedule, cable schedule, interconnection diagram, lighting illumination, and miscellaneous details; Carried out the electrical engineering design calculation such as, short circuit analysis, circuit breaker sizing, feeder sizing, voltage drop, transformer sizing, conduit fill, cable tray sizing, lighting illumination, and grounding; Generates a new drawing if necessary, to develop completely the detailed engineering design package; Responsible for detailed material take off and estimate for all electrical systems: power, lighting, grounding, substation, cable tray, cable trench and underground wiring system; Responsible for material management prior to purchasing; Participates in site surveys of facilities to establish and identify the actual requirements.

July 1996-December 1997 - YANPET - Yanbu, Saudi Arabia
Project Engineer (Electrical)

Projects Involved:

- Installation of 34.5 kV Switchgear
- Construction of New Multi-Purpose Building
- Installation of Cathodic Protection System (Phase-II)
- Electrical Area Classification Upgrade (Phase-II)
- Replacement of 20/26.67MVA, 34.5/13.8kV Power Transformer

Duties and Responsibilities:

In-charge of the on-going electrical projects; Prepares and develops scope of work for Engineering Consultants; Conducts technical reviews of engineering consultant's work and ensures compliances with the Company's requirements, specifications, international standards and engineering norms; Maintains Company's standards and specifications by developing new technical specifications and updating existing ones; Prepares bill of materials for the new project; Coordinates with inter-department and performs project proposal; Provides technical evaluation of the equipment; Updates the project monthly cost monitoring report for every project; Reviews and checks electrical design package submitted by the Contractor; Conduct daily inspection at site on the on-going projects; Performs electrical design and calculation; Coordinates with Maintenance and Operations Department whenever there is an additional works to be done inside the plant; Attend co-ordination meeting with the contractors and construction management group; Prepares weekly status report regarding the projects; Prepares material requisitions for equipment / material and Conducts technical evaluation of bid for equipment / material selection and makes final recommendation; Participates in clarification meetings with vendors to ensure compliance with technical specifications and requirements; Inquires quotation price from the Vendor for electrical equipments; Report progress and problem areas related to the execution of the work; Witness performance tests of equipment and pass on judgement for acceptance or rejection based on company requirements, specifications and standard; Participates in commissioning of systems / as required.

5. Position: **SENIOR ELECTRICAL ENGINEER**
- Duration: Mar 1995 - Jun 1996(1.3 yrs)
- Company: TRANSUNION CORP.
- Company Industry: Consulting (Science, Engineering & Technical)
- Location: Makati, Philippines
- Department: Engineering
- Job Description: Duties and Responsibilities:
In-charge of the on-going electrical projects; Prepares and develops scope of work for Engineering Consultants; Conducts technical reviews of engineering consultant's work and ensures compliances with the Company's requirements, specifications, international standards and engineering norms; Maintains Company's standards and specifications by developing new technical specifications and updating existing ones; Carried out the detailed engineering design for power distribution systems, grounding layout, one line diagram, load schedule, cable schedule, interconnection diagram, lighting illumination, and miscellaneous details; Carried out the electrical engineering design calculation such as, short circuit analysis, circuit breaker sizing, feeder sizing, voltage drop, transformer sizing, conduit fill, cable tray sizing, lighting illumination, and grounding; Prepares bill of materials for the new project; Coordinates with inter-department and performs project proposal; Provides technical evaluation of the equipment.

6. Position: **STAFF ENGINEER**
Duration: Aug 1993 - Aug 1994(1 yrs)
Company: COTABATO TIMBERLAND CORP., INC. (CTCI)
Company Industry: Manufacturing
Location Zamboanga City, Philippines
Department: ENGINEERING
Job Description: Duties and Responsibilities:
In-charge of the on-going electrical projects; Prepares and develops scope of work for Engineering Consultants; Conducts technical reviews of engineering consultant's work and ensures compliances with the Company's requirements, specifications, international standards and engineering norms; Maintains Company's standards and specifications by developing new technical specifications and updating existing ones; Carried out the electrical engineering design calculation such as, short circuit analysis, circuit breaker sizing, feeder sizing, voltage drop, transformer sizing, conduit fill, cable tray sizing, lighting illumination, and grounding; Prepares bill of materials for the new project; Coordinates with inter-department and performs project proposal; Provides technical evaluation of the equipment; Conduct daily inspection at site on the on-going projects; Coordinates with Maintenance and Operations Department whenever there is an additional works to be done inside the plant.
7. Position: **PROJECT SUPERVISOR**
Duration: Jun 1992 - Jul 1993(1.1 yrs)
Company: POLYPHASE SYSTEM INC
Company Industry: Construction / Building
Location Manila, Philippines
Department: Engineering
Job Description: Projects Involved:
-Upgrade 34.5 kV Outdoor Substation (San Miguel Polo Corp.)
-Electrical and Instrumentation μ V Glass Plant Project (San Miguel YAMAMURA Asia Corp.)
-Electrical Installation of 2-Sets 210 kVA Generator (ISUZU Motors Pilipinas, Inc.)
Duties and Responsibilities:
Project In-charge for all Electrical works at site; Supervise a group of people for executing and installing of electrical power distribution and control system; Handles planning and monitoring of the jobsite activities before and during constructions stage of the project; Attends weekly coordination meeting with other contractors to discuss any discrepancies encounter at site during construction stage of the project; Monitors work progress such that risks and problem areas are identified, reported and solutions identified; Ensure completion within time and budget of assigned projects and tasks; Bring forward suggestions for improvements in time and cost within the areas of responsibility; Undertake any other work and responsibilities as per separate instruction; Submits monthly progress billings of the project to the client; Prepares project working schedule for the manpower distribution; Prepares weekly accomplishment report and manpower report; Undertakes project revision, testing and commissioning.

8. Position: **PROJECT SUPERVISOR**
Duration: Apr 1990 - Jun 1992(2.2 yrs)
Company: POWERTECH CORP.
Company Industry: Construction / Building
Location: Manila, Philippines
Department: Engineering
Job Description: Projects Involved:
-Upgrade the Electrical Power and Control system. (San Miguel B-MEG Corp.)
-Electrical and Instrumentation μ V Gas Plant Project (Procter & Gamble Phils.)
Duties and Responsibilities:
Project In-charge for all Electrical works at site; Supervise a group of people for executing and installing of electrical power distribution and control system; Handles planning and monitoring of the jobsite activities before and during constructions stage of the project; Attends weekly coordination meeting with other contractors to discuss any discrepancies encounter at site during construction stage of the project; Monitors work progress such that risks and problem areas are identified, reported and solutions identified; Ensure completion within time and budget of assigned projects and tasks; Bring forward suggestions for improvements in time and cost within the areas of responsibility; Undertake any other work and responsibilities as per separate instruction; Submits monthly progress billings of the project to the client; Prepares project working schedule for the manpower distribution; Prepares weekly accomplishment report and manpower report; Undertakes project revision, testing and commissioning.
9. Position: **ELECTRICAL TRAINEE**
Duration: Feb 1989 - Mar 1990(1.1 yrs)
Company: E.P. MANANTAN CONST.
Company Industry: Construction / Building
Location: Tagum, Philippines
Department: Engineering
Job Description: Duties and Responsibilities:
Does design and estimate for the new and additional projects; Undertakes project revision, testing and commissioning; Does supervisory works whenever the supervisor is not around.

SKILLS

Skill	Yrs of Experience	Remarks
1. With more than 13 years of working experience in the various field of electrical engineering design and construction in oil & gas, and petrochemical industry. With working knowledge in power system design and analysis by using ETAP software, Programmable Logic Control (PLC) application, capable of working in MS Office, Computer Aided Design Drafting (CADD) such as AutoCAD and Micro Station. With working knowledge in the following Industry Codes and Standards such as NFPA 70 - National Electrical Code (NEC); IEEE - Institute of Electrical and Electronic Engineers; IEC - International Electrotechnical Commission; NEMA - National Electrical Manufacturers Association; IESNA - Illuminating Engineering Society of North America; API - American Petroleum Institute.	16.0	

TRAININGS/SEMINARS

Date	Topic/Course Title
Jan 27, 2007- Mar 13, 2007	Primavera Project Planner (P3) AREEF Computer Institute Abu Dhabi, UAE
Feb 2002	Power System Design and Analysis (using ETAP) Engr. Benigno Jimenez IPSA, Al - Khobar, Saudi Arabia
Dec 2000	Auto-Cad Release 14 Digital Interface Davao City, Philippines
1995	Pneumatic & PLC Applications FESTO, Inc., La Fuerza Bldg. Manila, Philippines
1991	Electrical Design System Corpuz Engineering Review Center (CERC) Manila, Philippines
1991	Industrial Electricity National Manpower and Youth Council Manila, Philippines