

JOEL PADILLA IRAG



PERSONAL DATA

Age: 34
Date of Birth: Jun 14, 1974
Gender: Male
Civil Status: Married
Height: 163 cm
Weight: 60 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: Bachelor of Science in Electrical Engineering
School/University: Eastern Visayas State University
Location: Tacloban City,Leyte Philippines
Date: Jun 1991 - Apr 1996

LICENSES/CERTIFICATIONS

License/Certification Exam Taken	License/Certification No.	Date
1. Philippine Professional Driver	N-26-99-026376	Jun 14, 2006
2. First Class Telephone Operator Certified	03-1PHN-25867	Jan 31, 2003
3. Registered Electrical Engineer	License Nos.: 0009082	May 23, 1997

WORK EXPERIENCED

I have been working for 14.0 year(s).

- Position: **Electrical Engineer**
Duration: Nov 8, 2006 - Dec 7, 2008(2.1 yrs)
Company: Qatar Kentz
Company Industry: Consulting (Science, Engineering & Technical)
Location: Qatar
Department: Electrical And Instrumentation
Job Description: „X Responsible as Electrical Engineer which has a position of commissioning engineer and field engineer supervisor.
„X Conduct commissioning test on electrical facilities such as substation switchgear, Power and Distribution Transformer, Transformer and switchboard interlocking, LV Motor Controller, Power Distribution and Control System (PDCS) network, ABB Insum Communication network and other electrical commissioning related job.

„X Conduct pre commissioning test on the electrical distribution facilities such as High Potential testing (Biddle Instrument), Ducter Testing (Megger Instrument), Circuit Breaker timing test, Primary and Secondary Injection testing (Programma Sverker, Freja 300, Megger MPRT).

„X Knowledgeable on the testing of relay protection such as Areva Micom series relays, GE Multilin/ UR series, Siemens SD/SJ relays and ABB REF 54series relays for generator, distribution, transformer and motor protection relays. Conduct DCS mapping and PLC programming of different relay protection. With hands-on knowlege on MNS IS and INSUM LV motor protection, VFD Drives and different motor solo run commissioning and testing. Knowledgeable in the cable fault and thumper test troubleshooting using TDR and Capacitor discharge/hi-pot cable fault locator.

„X Successfully join the finish project in the electrical commissioning of the Ras Gas Off Plot Project such as Generator commissioning and 132/33/6.6/ 0.415 KV switchgear energization and Dolphin Energy Limited RFGC-1 Project on 33KV and 6.6KV/400V switchgear and MCC energization.

„X Assign on the Electrical Design Dept. of the company for different electrical plant facilities such as Power system, Telecom and Fire and Gas as per project proposal for EPC bid projects.

„X Serve and assign also as QC / QA inspector which carry out punchlist inspection and conduct test according to the procedures defined in the detailed test plan provision. Review the quality records issued after the test performance. Ensure all results are properly documented and compiled on the Project quality control documentation.

„X Conduct safety toolbox meeting to subordinates (junior engineers, technicians, and laborers) for scheduling and planning of activities and monitor daily progress report for workers and subcontractors.

X Work in Project Management Turnover (PMT).Conduct revised documentation assistance for engineering design, technical querry's and other documentation problem occuring in the installation and construction in the field project.

„X Coordinate with the Client and Vendor for any modification and other technical assistance for the problem occuring in the installation and construction on the project.

2. Position: **Electrical Engineer**

Duration: Mar 31, 2004 - Mar 30, 2006(2 yrs)

Company: Al Salam Industrial And Trading Est. (A Subsidiary Company Of Electro Industries)

Company Industry: Consulting (Science, Engineering & Technical)

Location: Riyadh ,KSA

Department: Electrical Department

Job Description: Responsible as Lead Electrical Engineer on the planning and implementation of the Electrical System Operation on different projects handle by the company (Electrical, Oil and Gas and Telecom Projects). Knowledgeable with the international and industrial standards (IEC, NEC/ANSI/NEMA)and code requirements for electrical power systems, especially power substation systems, Electrical Hard Wired control systems, Digital Controller System (DCS) and Variable Frequency Drive control motor, High, Medium & Low Voltage Switchgear systems and SCADA/PLC systems for network monitoring. UPS/Rectifier and battery charging systems and electrical design, pre and post commissioning, commissioning process and start up, operation and maintenance of electrical plant system facilities. Provide design on electrical power systems for any electrical facilities which provides better protection and efficient system. Provide the required technical assistance in troubleshooting electrical power systems hardware and able to adopt vendor recommendations in the field. Work with vendor technical

representatives for satisfactory resolution to problems owing to defective product. Capable to effectively review new electrical power system installations and expansion, project documentation, drawings (using AutoCAD 2005), equipment specifications and testing procedures. Write high quality documentation letters, Method of Procedures (MOP), reports and design packages to enable the implementation of engineering standard recommendations. Work in the cost control engineering department of the company for tendering projects which includes 1. Telecom projects (Data Networks: LAN, GE-MAN and WAN, transmission SDH/SONET, DSL, ATM and switching networks, GSM projects) 2. Electrical power and security designs for Building, Industrial and Telecom Premises 3 .Maintenance job contract at Industrial (Oil and Gas) and Telecom jobs.

Major project involved in KSA job project : Saudi Telecom Projects which includes ISP and OSP Projects, Saudi Aramco Maintenance jobs , Saudi Electric Company maintenance job on substation and power plant system, Mc Donalds outlet all over Riyadh maintenance jobs, Project Coordinator at GOSI Projects , Project Coordinator at Royal Commission of Yanbu and Jubail for GE-Man Project and other projects specializing in Data Communications and Telecommunications , Communication and Control Systems and Intelligent Building Infrastructure Systems.

3. Position: **Electrical Engineer**
- Duration: Nov 26, 1997 - Mar 31, 2004(6.3 yrs)
- Company: Eastern Telecommunication Phil. Inc.
- Company Industry: Telecommunication
- Location Makati, Philippines
- Department: Support Facilities/Operation
- Job Description: Responsible for the planning and design implementation and installation ,preventive maintenance and repair of Telecom AC and DC Power Plant facilities and Centralize control BMS airconditioning facilities .Ensure that all equipment facilities are 100%operational availability together with its BMS and NMS Scada control System are accurate for monitoring of company's Main and Remote technical Operation Center Exchange. Involve in the company's management study, evaluation and execution of all cost saving measures (ex. Technical load power factor correction, GMDB load analysis and other project proposal involving cost saving measures).Provide studies, plans and procedural documentation for immediate restoration action in cases of power/equipment failure contingencies at company's exchange. Familiar with the operation ,planning and design ,instalaltion,PM and repair of branded (Lorain,Alcatel,Siemens,Emerson,Saft-Nife) Rectifiers, DC-AC Inverters, UPS, batteries (VRLAand Flooded type) and Airconditioning controls. Highlight are cost effective saving project done during the stay at ETPI. 1)ETPI LIQUID CHILLER PROJECT(2002-2003)-provide justification of the \$300T project for the integration of new airconditioning centralize system at main exchange which save a potential average of \$50T/year in power billing saving.Resident project Engineer to ensure the availability of project completion be operated in 4th quarter of 2003. 2). ETPI INVERTER FACILITIES UPGRADE(2001) - planning and design engineer on a \$200T project which it replace the old thyistor ferroresonant Lorain inverter into scalable new modular inverter A cost saving on power billing during its operation with a potential average of \$60T/year save.
- Reason for Leaving:
Opportunities to gain employment abroad and good financial offer by Electro Industries/AI Salam.

4. Position: **Project Electrical Engineer**
- Duration: Oct 12, 1996 - Nov 26, 1997(1.1 yrs)
- Company: Metro Pacific Company (Power Factors,Inc.)
- Company Industry: Electrical & Electronics
- Location: Cubao, Quezon City Phiippines
- Department: Electrical
- Job Description: Responsible on the supervision of installed electrical equipment and services such as power distribution system, electrical generation and AC-DC driven motor system of the company plant facilities. Ensure that all electrical field project will meet the performance specification and targeted schedule based on project planning timetable .Coordinate with company's representative and provide daily production report submitted for review by the management on the project standing performance.
Reason for Leaving: Gain Employment at Telecom Company with good financial offer.

SKILLS

Skill	Yrs of Experience	Remarks
<p>1. I.Power plant Management System, Design, Implementation, Installation, Troubleshooting, Repair and Preventive Maintenance of Electrical Facilities : A.AC Power Plant Facilities 1.High Voltage Switchgear (HVSG) Up to 132 KV (Brand: ABB,Siemens,Cutler Hammer) 2.Low Voltage Switchgear (LVSG) Up to 480 V (Brand: ABB,Siemens,Cutler Hammer) 3.Power Plant Generators (up to 2 MegaWatts) (Brand : Cummins, Caterpillar, Kubota, Deutz, Onan and Suzuki) 4.Step-Down and Step-Up Transformers and Automatic Voltage Regulators – Up to 125 MVA (Brand: ABB Silicon Oil Transformers,Siemens, Cutler Hammer, GE) 5.Capacitor Banks – Up to 800 KVAR (Brand:ABB) 6.AC and DC Electrical Motors – Up to 3000 HP 11KV/6.6KV/415 V 3 phase supply(Brand:ABB,GE,Siemens ,Mitsubishi,) 7.Automatic Transfer Switch and Power Control Unit (Brand:Cummins,PowerCap Italy,Caterpillar) B.DC Power Plant Facilities 1.Rectifier(Switch Mode Rectifier and Ferroresont) and DC converters – Up to 1000 DC Amp (Brand: Lorain RHM and SMR, Emerson SMR, Alcatel Zered SMR, Saft-Nife SMR, Siemens SMR and Phillips Rectifier) 2.DC-AC Inverters and UPS- Up to 40 KVA (Brand: Lorain Ferro-resonant Inverter, Emerson Switch Mode Inverter (SMI), Alcatel SMI, Liebert UPS, Victron UPS, Best UPS, Exide UPS, Powerware UPS) 3.Batteries (VRLA,Vented and Flooded Type) – Up to 5000 Amp-Hr Capacity 4.Solar Power Cell – up to 3000 watts</p>	11	Technical and Training Experience
<p>2. II.Air-conditioning Management System, Design, Implementation, Installation, Troubleshooting, Repair and Preventive Maintenance 1.Chiller and Centralize ACU – Up to 360 TR (Brand: Trane Centrifugal Type Liquid Chiller, Trane Rotary Helical Screw (RTHC) Chiller, York RTHC Chiller) 2.Split Type Precission ACU (Package, Wall mounted and Ceiling) –up to 5 TR (Brand: Liebert,York, Pearl, Condura, Mitsubishi, Carrier) 3.ACU Control Unit – Trane Chiller Adaptive Frequency and Wye-Delta Close Transition Start-up control</p>	11	Technical and Training Experience

3. VII. Conversant with Electrical Industry Practices, Engineering Codes and Standards such as IEEE,NEMA, IEC, VCCI, NFPA (NEC), FCC, UL, EEC etc. relevant to Electrical discipline.	11	Technical and Training Experience
4. III. Knowledgeable in Telecom Facilities as associates on the implementation and installation of the following equipments: 1. Transmission Facility (Nokia DMR 7000, Ericsson RBS 2202 and 2206, Tahdiran WLL , SR transmission radios, Cylink Microwave) 2. Switching Facility (Newbridge DACCS, Nortel Frame relay Switch, IVRS Switch, Alcatel ADSL and DSLAM Equipment, GPT System X Switch and Alcatel E10 B switch) 3. Data Networks (Cisco switches for Core, distribution and access switches, Router switches and Force 10 Active data equipments) 4. Use of Fiber Optics splicing Equipments and use of OTDR and Power Meter for fiber Attenuation losses such as IPL, connector loss, and others. BSW and cable splicing (U-Y and MR1)	11	Training and technical Experience
5. IV. System Protection Knowledgeable 1. Fire Alarm System (Kiddie, Siemens Cerberus, Inergen) 2. Transient Voltage Suppression System (TVSS) 3. Lightning Arresters and Grounding System 4. CCTV and security alarm	10	Technical and Training Experience
6. V. Computer based Related System Knowledgeable 1. Building Management System (BMS) for Power and ACU Facilities 2. Network- Scada Management System (NMS-SCADA) and Simple Network Management Protocol (SNMP) using Graphical User Interface (GUI) 3. AS/400 web based LAN 4. Integrated Customer Management System (ICMS) 5. Programmable Logic Controller (PLC) Equipment Programming (Siemens Simantec 700) , Adaptive Frequency Drive (AFD) Programming (GE AFD Drive) and Variable Speed Drive (Fuji and Allen Bradley) and Digital Controller System such as Siemens Logo! DCS, Honeywell TDC 3000 and Rosemount RS-3, ETAP power station and PSMS and ABB MicroSCADA System and Galvani BMS GUI System 6. Knowledgeable in the system command using Open UNIX 8MP1, Windows XP and Red Hat LINUX operating system 7. Integrated Electronics and PC Hardware repair and troubleshooting	10	Technical and Training Experience
7. VI. Electrical Lightings Illumination and Power Loading Design and Estimates. HV cabling and jointing techniques .Pre commissioning, commissioning & exposure to electrical maintenance.	10	Technical and Training Experience
8. VIII. Computer Literate Proficient in MS Word, MS Excel, MS PowerPoint, MS Access, Visio drawing (VSD), AutoCAD 2005 ,Electrical Autocad 2006 and Microstation, PDF jaw Adobe Acrobat and Application drive Drawings	10	Training and formal study

TRAININGS/SEMINARS

Date	Topic/Course Title
Jul 31, 2006- Aug 4, 2006	Basic Offshore Safety Induction and Escape Training (BOSIET) International Development and Environmental Shipping School (IDESS) - OPITO member Subic Bay Freeport Zone, Subic Olongapo Philippines
May 22, 2006- Jun 22, 2006	Advance Industrial Motor Control (Hard Wire Control, Digital Controller System, Programable Logic Controller, Variable Frequency Drive) Meralco Foundation Institute Meralco Foundation Institute
Aug 13, 2003- Aug 23, 2003	TRANE Training Certificate on Adaptive Frequency Drive (AFD) RTHC Chiller operation and Maintenance for 360TR Capacity Trane Specialist Engineer Makati, Philippines
May 2, 2002- May 2, 2002	EMERSON Network Power Training Certificate on Modular Inverter Operation and Maintenance for 80 KVA Capacity Emerson Training Engineer Makati, Philippines
Oct 19, 2001- Oct 19, 2001	Safety Organization of the Philippines on Road Accident Prevention Program Better Driving Seminar Safety Organization Of the Philippines Makati, Philippines
Aug 6, 2001- Oct 31, 2001	World Village Technologies Training Certificate on DC Plant System WVT Training Engineer on Power System Makati, Philippines
Dec 6, 2000- Dec 8, 2000	Philippine National Red Cross Basic Life Support Training Certificate on Adult Cardio Pulmonary Resuscitation Red Cross of the Philippines Makati, Philippines
Sep 28, 2000- Sep 28, 2000	NECOMAC Seminar Certificate on Surge Protection, Lightning Arrester and Transient Voltage Suppression System KNURR Product Specialist Engineer Makati, Philippines
Sep 21, 2000- Sep 22, 2000	Eastern Telecom Leadership and Entrepreneurship Training Program Certificate HRA Management of Eastern Telecom Makati, Philippines
Dec 11, 1997- Dec 16, 1997	POWERCAP Energy System Training Certificate on Power Plant System Power Cap Training Engineer Caloocan City, Philippines
Dec 8, 1997- Dec 9, 1997	SAFT-NIFE Training Certificate on DC Plant System Saft Nife Engineer Caloocan City, Philippines
May 10, 1997- May 12, 1997	Code of Ethics for Electrical Engineering Practitioner Institute of Integrated Electrical Engineers Manila, Philippines