

## REY ANTHONY GUTIERREZ HERRERA

### PERSONAL DATA

Age: 33  
Date of Birth: Mar 16, 1975  
Gender: Male  
Civil Status: Married  
Height: 180 cm  
Weight: 79.55 kg  
Nationality: Filipino  
Religion: Christianity - Catholic

### EDUCATION

	Highest Education	Second Highest Education
Education Level:	Prof'l License(Passed Board/Bar/Prof'l License Exam)	Vocational Diploma / Short Course Certificate
Education Field:	Engineering(Electrical/Electronic)	Engineering(Others)
Course:	B.S. Electrical Engineering	Industrial Automation Course
School/University:	Central Luzon Polytechnic College(NEUST)	MERALCO FOUNDATION
Location:	Cabanatuan City, Philippines	Ortigas,Pasig City
Date:	Jun 1992 - Mar 1997	May 2000 - Jun 2000

### LICENSES/CERTIFICATIONS

	License/Certification Exam Taken	License/Certification No.	Date
1.	WORLD SAFETY ORGANIZATION AFFILIATE MEMBER	018611	May 1, 2008
2.	MEMBER ASSOCIATION OF SAFETY PRACTITIONERS IN THE PHILIPPINES		Feb 15, 2008
3.	LIFE MEMBER INSTITUTE OF INTEGRATED ELECTRICAL ENGINEERS IN THE PHILIPPINES	19401	Nov 5, 2007
4.	Registered Electrical Engineer	0013154	Nov 12, 1997
5.	Professional Drivers License	C05-94-076130	Mar 16, 1994

### WORK EXPERIENCED

**I have been working for 10.0 year(s).**

1. Position: **ELECTRICAL ENGINEER**  
Duration: Apr 16, 2008 - Jun 20, 2008(0.2 yrs)  
Company: GRANITE SERVICES INTERNATIONAL  
Company Industry: Oil / Gas / Petroleum  
Location: BONIFACIO GLOBAL, PHILIPPINES  
Department: OPERATIONS  
Job Description: „X Coordinates start-up operations and all other start-up activities such as flushing, chemical cleaning, steam blowing and initial equipment and system operation.  
„X Support in site commissioning and performance testing of Electrical system.

- „X Monitor the performance of the system after handover until full asset acceptance.
- „X Compliance with Project HSE and Quality management plans- ALL assigned actions completed before due date or ASAP.
- „X Monitors and prepares daily reports accomplished with regards to pre-mechanical/electrical commissioning activities.
- „X Witnessed the testing and start up of equipment and systems needed for Performance test run and Reliability test run.
- „X Perform walk down and inspection of the following major systems and equipments: Gas turbine, Steam turbine, HRSG, Compressors, Water Treatment Plant, lube oil system, pumps & motors, BOP and auxiliaries.
- „X Perform punch listings prior to Project handover.
- „X Responsible for the planning, implementation and monitoring of safety and health programs in the project as member of the Health and Safety Committee.
- „X Responsible for monitoring and assessing hazardous and unsafe situations and developing measures to assure personnel safety.
- „X Participate in planning meetings to identify any health and safety concerns inherent in the operations daily work plan.
- „X Review the Incident Action Plan for safety implications.
- „X Exercise emergency authority to prevent or stop unsafe acts.
- „X Ensure preparation and implementation of Site Safety and Health Plan (SSHP)
- „X Maintains awareness of active and developing situations.
- „X Responsible for routine construction site safety and health inspection, accident investigation and reporting.
- „X Formulate corrective actions and measures to minimize if not eliminate safety and health hazards within the construction site.
- „X Responsible for the planning, implementation and monitoring of safety and health programs in the project as member of the Health and Safety Committee.
- „X Responsible for routine construction site safety and health inspection, accident investigation and reporting.
- „X Responsible for the safety of the workplace by identifying potential hazards and strictly complying with the safety standards prior to conducting and supervision of electrical works.
- „X Conducts joint site safety inspection prior to issuing or applying for a work permit (hot work, cold work, confined space entry etc.)
- „X Inspects work to ensure compliance with standard procedures and electrical assignments.
- „X Determines procedures for maintenance, installation, modification and repair of electrical assignments.
- „X Recommends procedure revisions when necessary to fully utilize assigned personnel and equipment
- „X Supervise subordinates; maintain records and files; prepare reports.

2. Position: **SHIFT CHARGE ENGINEER**

Duration: Aug 25, 2004 - Oct 17, 2007(3.1 yrs)

Company: SAUDI PETROCHEMICAL COMPANY/JUBAIL ENERGY COMPANY

Company Industry: Oil / Gas / Petroleum

Location: JUBAIL, SAUDI ARABIA

Department: OPERATIONS DEPARTMENT

Job Description: SAUDI PETROCHEMICAL COMPANY (SADAF/SABIC)  
 JUBAIL ENERGY COMPANY (TAQA)  
 250MW Co-generation Power Plant, Jubail Saudi Arabia.

Plant Description: Comprised of two (2) Gas Turbine SGT6-3000E (W501D5A) model (250MW total capacity), two (2) Heat Recovery Steam Generators with single High Pressure drum rated 54 bar (g), a Demineralization Plant consisting of two (2) trains rated 142 cubic meter

per hour (total capacity) for use in water injection (NOX emissions control system) and Wet Compression (Power augmentation purpose). The Jubail Cogeneration Power Plant is designed to produce and deliver the required power and steam to one of the largest Petrochemical Complex in the Middle East Saudi Petrochemical Company (SADAF) at a contracted power output of 250 MW and contracted steam output of 510 tons per hour of process steam.

August .2004 - October.2007 Position: Shift Charge Engineer/ Control Room Operator

Achievements: Selected by the JEC Management & Safety Committee as one of the Safety Employee of the month in contributing to the overall success of the JEC Cogeneration Power Plant from the safety standpoint.

Duties & responsibilities:

- „X Support and witnessed the start-up and commissioning phase conducted by Siemens for the 250 MW Jubail Cogeneration Power Plant project in Jubail, Saudi Arabia.
- „X Responsible for the safe start up and shut down of the Cogeneration Plant via Teleperm XP control system.
- „X Ensures during my shift that the guaranteed power output and guaranteed steam output is maintained and delivered accordingly as per schedule to Saudi Petrochemical Company (SADAF).
- „X Maintains continuous radio contact with other utility operators to coordinate operations that may affect the operation or production of any unit within the Petrochemical Complex.
- „X Responds safely and in an effective manner during process upset conditions especially during Trips and Black out condition of the plant and responsible for ensuring actions are carried out in accordance with the agreed Black out Procedure and establishing communications between standby personnel and operations personnel.
- „X Responsible to authorize and or initiate manual activation of EMERGENCY PUSH BUTTON when emergency condition arises (e.g. life and safety of the operating personnel at risk, to prevent damage to equipment due to events beyond the installed automatic shutdown protection, massive fire/steam leak... etc...)

3. Position: **PLANT ENGINEER/COMMISSIONING & OPERATIONS**  
Duration: Oct 17, 2000 - Sep 4, 2004(3.9 yrs)  
Company: KEPCO ILIJAN CORPORATION  
Company Industry: Oil / Gas / Petroleum  
Location: BATANGAS CITY  
Department: OPERATIONS  
Job Description: 1200MW Ilijan Combined Cycle Power Plant  
KEPCO Ilijan Corporation (KEILCO)  
Batangas City, Philippines

Plant Description: Comprised of four (4) Mitsubishi Gas Turbine M501G model, two (2) Mitsubishi Steam turbine TC2F-30 Model with a combined power output of 1200MW (total), four (4) Heat Recovery Steam Generators of the horizontal triple pressure, natural circulation boiler with triple re-heat (HP/IP/LP) rated 113/30.6/5.3 bar (g) respectively when running base load on Natural Gas and 119.1/32.5/5.6 bar (g) respectively when using fuel oil firing.

The Power station facility has a dedicated Fuel oil receiving and handling system which is comprised of Fuel oil jetty for receiving of fuel oil from Ship Tankers, the Jetty is capable of handling ships up to 100,000

DWT. The Tank farm system consist of three fuel oil storage tanks (28,600 cubic meters storage capacity) of the fixed roof type and dedicated fuel oil forwarding pumps and auxiliaries.

October .2000 ;V July.2004 Position: Worked as a Plant Engineer & Field Operator.

Achievements: Selected to train and guide new operators for its 1200MW Combined Cycle Power Plant.

Duties & responsibilities:

- „X Attends the daily commissioning meeting with the Contractors to receive updates on commissioning schedules.
- „X Coordinates start-up operations and all other start-up activities such as flushing, chemical cleaning, steam blowing and initial equipment and system operation.
- „X Support in site pre commissioning, commissioning and performance testing of system(s).
- „X Monitor the performance of the system after handover until full asset acceptance.
- „X Compliance with Project HSE and Quality management plans- ALL assigned actions completed before due date or ASAP.
- „X Monitors and prepares daily reports accomplished with regards to pre-mechanical/electrical commissioning activities.
- „X Witnessed the testing and start up of equipment and systems needed for Performance test run and Reliability test run.
- „X Perform walk down and inspection of the following major systems and equipments: Gas turbine, Steam turbine, HRSG, Compressors, Water Treatment Plant, lube oil system, pumps & motors, BOP and auxiliaries.
- „X Perform punch listings prior to Project handover.
- „X Responsible for the safe handling and unloading of fuel oil from ship tankers via dedicated jetty unloading facility.
- „X Responsible for tank level measurement or tank gauging before unloading of the fuel oil.
- „X Responsible for the routine ocular inspection of the tank farm bounded areas and to initiate the recommended draining Sequence via tank farm drain valves during continuous heavy rains.
- „X Responsible for safe, reliable, and efficient equipment operation in the Control Room.
- „X Responsible for writing and maintaining equipment logs, operating logs and other reports as required in a neat and professional manner. Reads, understands and responds to written instructions and logbook notations.
- „X Operates and monitors all systems and processes within the plant.
- „X Performs routine and preventive maintenance when plant conditions allow, and assists maintenance personnel in shutdown-related maintenance and repairs and helps with plant clean-up.
- „X Prepare Gas and Steam Turbine/Generator for operation (M501G gas turbine model).
- „X Operate and monitor Gas Turbine / Steam Turbine & Generator Auxiliary System/Equipment such as Lube Oil System, Control Oil System, Jacking Oil System, H2O/CO2 Purge System, Sweep Air Compressor, and Fuel Oil & Fuel Gas System Line-up and operate all Steam Valves on Heat Recovery Steam Generator (HRSG) for GT preparation.
- „X Perform all walk-around inspection of all equipment under my area of responsibility.
- „X Operate and monitor the Balance of Plant System/Equipment such as Condensate System, Circulating Water System, and Feed water System, Closed Cooling System, Service/Instrument Air System, Fire Protection System and Industrial Waste Water System.

- „X Responsible for equipment and system line-up prior to solo tests, test run and plant start- up.
- „X Reports all abnormalities to Senior Shift Charge Engineer.
- „X Responds immediately to process upset conditions, applies quick fix, analyze root causes and determines the most appropriate corrective measure.
- „X Verifies the accuracy of operation parameter indications by comparing the local reading to central control room readings.
- „X Monitor equipment general conditions such as unusual noise, vibrations, loose connections and lubrications.
- „X Assists in performing all operational tasks in plant electrical system and provide the necessary support and feedback to Senior Shift Charge Engineer.
- „X Performs local generator synchronization to grid when needed.
- „X Monitoring and assessment of electrical works in the plant.
- „X Recommends system revisions for safe and economic operation of electrical system.
- „X Responsible in the safe power restoration of plant loads from black outs.
- „X Responds immediately to process upset conditions, applies quick fix, analyze root causes and determines the most appropriate corrective measure.
- „X Perform minor electrical repairs in the absence of maintenance personnel.
- „X Assure continuous and reliable supply of power to plant essential and auxiliary loads.
- „X Check operation data to see if the equipment is within the normal condition.
- „X Initiates preventive and predictive maintenance as needed.
- „X Operates water treatment plant (Sea water Reverse Osmosis) as recommended by vendor (OEM).
- „X Add chemicals to condition boiler water and water treatment plant equipment.
- „X Performs chemical and water analyses to meet plant specifications as needed.
- „X Responsible for the compliance of all plant safety, environmental, and health programs and procedures during my shift.

4. Position: **PROJECT ENGINEER & SAFETY OFFICER**

Duration: Nov 16, 1997 - Sep 20, 2000(2.8 yrs)  
 Company: HERRERA ENGINEERING CORPORATION  
 Company Industry: Construction / Building  
 Location: NORTH FAIRVIEW , Q.C.  
 Department: ENGINEERING  
 Job Description: Herrera Engineering Corporation  
 North Fairview, Quezon City, Philippines

November. 1997 ;V July. 2000 Position: Project Engineer & Safety Officer  
 Achievements : Elevated standards of work quality by promoting Health and Safety awareness and establishing planned activities. This led to the successful completions of Project ahead of schedule.

Duties & responsibilities:

- „X Worked as a Project Engineer and Safety Officer dealing with the construction and installation/ testing and commissioning of High voltage Substations and Transmission lines (69KV-500KV)
- „X Responsible for the planning, implementation and monitoring of safety and health programs in the project as member of the Health and Safety Committee.

„X Responsible for routine construction site safety and health inspection, accident investigation and reporting.  
 „X Formulate corrective actions and measures to minimize if not eliminate safety and health hazards within the construction site.  
 „X Attend monthly safety meeting as a member of the Health and Safety Committee.  
 „X Supervise the Electrical Construction of Medium voltage to High voltage substations.  
 „X Liaise with the Project Site Manager regarding the status of the project and ensures Project is not behind schedule.  
 „X Supervision and monitoring of Transmission line projects, erection and installation of High voltage transmission lines, dealing also with the ROW (right of way issue) during the erection stage, supervision of lineman, foreman.  
 „X In charge for the project accomplishment and supervision of the project foreman, lead man and monitoring of project activities.

### SKILLS

Skill	Yrs of Experience	Remarks
1. MS OFFICE APPLICATIONS	8	ADVANCED
2. Computerized Maintenance Management System(MAXIMO)	7	ADVANCED
3. Construction Project Safety & Health Management	6	
4. TELEPERM XP SYSTEM OPERATION AND MAINTENANCE	2	INTERMEDIATE
5. SCADA	2	BEGINNER
6. BASIC AUTOCAD	2	BEGINNER
7. Start-up and Commissioning works (Electrical/Mechanical)	10	Advanced

### TRAININGS/SEMINARS

Date	Topic/Course Title
Apr 8, 2008- Apr 12, 2008	Construction Safety & Health Course for Site Safety Officers (40 Hours) WORLD SAFETY ORGANIZATION HOTEL REMBRANDT, TOMAS MORATO AVE. QUEZON CITY
Mar 10, 2008- Mar 14, 2008	Basic Occupational Safety and Health Course(40 Hours) World Safety Organization Imperial Palace Suites, Timog Avenue, Quezon City Philippines.
Feb 11, 2008- Feb 15, 2008	LOSS CONTROL MANAGEMENT COURSE(40 Hours) WORLD SAFETY ORGANIZATION IMPERIAL PALACE SUITES, Timog Avenue, Quezon City
Aug 27, 2007- Aug 29, 2007	Gas turbine Governor( SIMADYN D Turbine controller ) SIEMENS POWER GENERATION MAKATI,PHILIPPINES
Aug 13, 2007- Aug 26, 2007	Advanced Control Room Operator Applications SIEMENS POWER GENERATION MAKATI,PHILIPPINES
Jul 29, 2007- Aug 12, 2007	Gas Turbine Operations SGT6-3000E (501D5A) SIEMENS POWER GENERATION MAKATI,PHILIPPINES
Jul 16, 2007- Jul 29, 2007	Gas Turbine Familiarization SGT6-3000E (501D5A) SIEMENS POWER GENERATION MAKATI,PHILIPPINES

Mar 5, 2005- Mar 9, 2005	BASIC FIRE FIGHTING & FIRST AID TRAINING(40 HOURS) SAUDI PETROCHEMICAL COMPANY/SADAF AL JUBAIL, SAUDI ARABIA
Feb 5, 2005- Feb 6, 2005	HEALTH & SAFETY AWARENESS SIEMENS DNV GERMANY AL JUBAIL SAUDI ARABIA
Dec 9, 2004- Dec 12, 2004	HEAT RECOVERY STEAM GENERATOR DOOSAN SADAF JUBAIL, SAUDI ARABIA
Oct 4, 2004- Nov 12, 2004	INSTRUMENTATION & CONTROL MAINTENANCE COURSE SIEMENS POWER GENERATION KARLSRUHE & ERLANGEN GERMANY
Aug 25, 2004- Sep 14, 2004	BASIC OPERATOR TRAINING (SIEMENS) SIEMENS POWER GENERATION SHANGRI-LA HOTEL, MAKATI CITY
Jul 30, 2001- Jul 31, 2001	BOILER OPERATOR TRAINING BETZDEARBORN 1200MW KEPCO ILIJAN CORPORATION TRAINING CENTER, PHILIPPINES
Feb 26, 2001- Feb 29, 2001	DISTRIBUTED CONTROL SYSTEM(ABB BAILEY INFI-90) ABB BATANGAS, ILIJAN
May 15, 1999- Jul 16, 1999	BASIC PLC MERALCO FOUNDATION INSTITUTE ORTIGAS, PASIG CITY
May 15, 1999- Jul 16, 1999	ELECTRO-PNEUMATICS MERALCO FOUNDATION INSTITUTE ORTIGAS,PASIG CITY
May 15, 1999- Jul 16, 1999	PNEUMATICS INDUSTRIAL CONTROLS MERALCO FOUNDATION INSTITUTE ORTIGAS, PASIG CITY
May 15, 1999- Jul 16, 1999	CALIBRATION FOR PROCESS INSTRUMENTATION MERALCO FOUNDATION INSTITUTE ORTIGAS, PASIG CITY
Jul 3, 1997- Jul 9, 1997	ELECTRICAL ESTIMATING ENGR.ELDORADO L. CORPUZ CORPUZ ENGINEERING REVIEW CENTER
Apr 22, 1996- Jul 31, 1996	GENERAL ELECTRICITY TECHNICAL EDUCATIONS AND SKILLS DEVELOPMENT AUTHORITY REGION 3 NUEVA ECIJA CHAPTER

#### LANGUAGES SPOKEN

Language	Proficiency Level (5=Excellent; 1=Poor)
1. English	5
2. Arabic	2
3. German	1