

MARLON ACOSTA TAROMA

Manila, Philippines

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Objective

To become efficient, effective and trustworthy in every task that will be assigned to me as I am to growth professionally.

Education

Bachelor of Science in Electronics and Communication Engineering

Mariano Marcos State University
1999-2001

Diploma of Technology

Mariano Marcos State University
2001-2004
Major in Electrical

Job Experience

April 2012 – Present

RENTAL SOLUTION AND SERVICES- Saudi Arabia Limited
Power Generation/Operation and Maintenance

Position

PG Senior Field Service Technician/Event Senior PG Technician
Saudi Engineering Council Membership No. 601876

- Carried out and perform installation and commissioning, maintenance, repair and operation of portable diesel generator in small range up to 1250kva range capacity in Event site, petrochemical, on shore and offshore, construction site as well as emergency power for plant.
- Attend daily toolbox meeting, distribution of work/accomplishment job.
- Complete the Yard fleet tracker and under repair tracker/breakdown tracker and directly reported to service manager/operation manager.
- Attend breakdown at site complete repair and ensure customer satisfaction.
- Provide complete tools and wiring diagram for service technician.
- Carried out service analysis report each single type of Cummins engine, John Deere and Volvo penta and Power command controller and Deepsea controller.
- Conduct and perform installation, synchronization and commissioning of different capacity from 60kva to 500kva JCB generator using Dse 8610 controller, load demand required, voltage and frequency required.
- Conduct and perform installation, testing, and commissioning of different size of Cummins power Generator from 30kva up to 1250kva.
- Performed troubleshooting of electrical controls of CUMMINS power generator using power command control from 30 kva capacity up to 1250kva capacity and different types of engine; **4BTA,6BTA,QSB7,QSL9,QSX15,VTA28,QSK23,QST30,KTA38,KTA50. New fleet John Deere, Volvo penta.**
- Technical know- how of synchronizing, load share of power generator using power command control (PCC 2100, 3200, PCC 3100, and PCC3300) DSE 8610 controller.

- Technical know-how of programming and re-program power command control and deepsea controller using appropriate software.
- Performed changing voltage of different types of generator from 220 Volts up to 480 Volts, change frequency from 50Hz to 60 Hz interval according the requirements by the customer.
- Carried out routine schedule maintenance services and lubrication of different types of generators, change oil, fuel filter, oil filter, air filter and conduct minor troubleshooting of mechanical works.
- Conduct load testing to ensure the good performance, and efficient availability of the DG Set.
- Performed installation and commissioning of Chillers-225 tr AHU-200tr, AC unit (package type 25tr and 30tr).
- Performed repair and maintenance of DC alternator, DC starter motor and AC motors.
- Perform pre-delivery inspection, operation check including functional check of safety interlocking of power generator.
- Familiar of electrical diagram of different types of generator.
- Directly report to Service Manager/supervisor in-charge for complete inspection and analysis report.
- Provide specific design and wiring diagram of AC motor controllers using basic AutoCAD drawing.
- Can read and interpret of Piping and Instrumentation Diagram.
- Ensure Standard Safety Programs/Protocol in implementing a Project.
- Works within and support RSS standard working instruction.
- Maintain a clean, safe work area, adhere to best practice safety procedure.
- Maintain positive customer relation through professional interaction within customer.
- With valid certificate of **TROPICAL BASIC OFFSHORE SAFETY INDUCTION EMERGENCY TRAINING. Cert. no. 622855060306130002**
- **With valid certificate of BASIC HYDROGEN SULPHIDE TRAINING.**
- **With valid driving license of Kingdom of Saudi Arabia.**
- **Passed the SAUDI ARAMCO permit receiver certified.**
- **Passed the Mcdermott Quality and Safety Induction for Offshore online examination.**

List of Clients/Customer Handle

- Saudi Aramco Training Center Rastanura– Installation and commissioning temporary Power and cooling 3 MW and 1350 TR chiller unit
- Madina Airport Madina – Installation and commissioning temporary power and cooling 3 MW and 800 TR chiller.
- YanSab-Yanbu sabc – Installation and Commissioning temporary power 1 MW and 450 TR chiller.
- Samref- Saudi Aramco mobile ref. Yanbu- Installation and commissioning temporary power 18 MW and 6750 TR chiller.
- Sadara petrochemical Jubail – Provide complete maintenance of multiple set of generator range from 30 kva to 1250 kva total of 30 MW and multiple 24 TR ac unit.
- Riyadh Metro Trail – Installation and commissioning temporary power and cooling 2.5 MW, 900 TR chiller, 800 tr AHU.
- Mcdermott – Installation and commissioning different size of generator for offshore job. TP-18, TP20, TP22 – Saudi Aramco Safanyah.
- Eclipse Dubai- Tabuk ksa event- Installation and commissioning of 2 MW generator.
- Eclipse/Blink Event – Installation,Commissioning and monitoring of Multiple generators set total of 9 MW for Saudi Arabia Day Jeddah KSA.
- North East Establishment Riyadh site – Installation and Commissioning 2 MW generator set and accessories.

- COME AND DO CLIENT-Installation and commissioning 10 Megawatt multiple set of generators total power for Winter at Tantora Al ula site KSA with come and do client.
- Jubail event-Installation and commissioning around 5 MW multiple set of generators for the events in Jubail Saudi Arabia. Client Empro dubai.
- AL-FURSAN TILES FACTORY kaec city Jeddah ksa- Performed and installation,synchronize of 12 x 1250kva generator (pcc 3100 and pcc3300 controller) with 4 x 4.3mva transformer with input voltage 400vac/60hz output of 13.8kv.
- ROWAD PLASTIC FACTORY- Provide specific details drawing, installation and commissioning of 6 x 1250kva with Deif AGC 3 and 4 controller.
- DAKAR 2021- Empro Dubai Client – Carried out and perform installation and commissioning of multiple set of range capacity of portable generator (100 unit generator).
- FORMULA E 2021 RIYADH (Empro Dubai)- Performed installation and commissioning of multiple sets of generator.
- BALICHWS client RIYADH SEASON Team Leader – Installation, synchronizing and commissioning of multiple sets of generator and different location in Riyadh event.
- COMATEC DAMMAM- Installation and commissioning, synchronizing of 5 x 1250kva generator set.
- PETROKEMYA (JCI client) – installation and commissioning of 2 x 1250kva generator set.
- Dammam Airport (tabreed client) Installation, commissioning and synchronizing of 3 x 1250kva temporary power to RSS cooling of 5 x 225 tr chiller.

Job Experience

May 5, 2010 – July 2011 **BYRNE RENTAL EQUIPMENT Saudi Arabia Limited.**

Technical Service Technician/Commissioning Technician Saudi Aramco I.D Batch no. 8941622-8

- Technical know-how of different electrical projects such as installation, design, fabrication and commissioning of control panels-synchronizing panel for multiple generators.
- Performed troubleshooting of electrical controls of different types of generator etc. **Perkins-Power wizard-Deepsea-1000-4000 series engine, Caterpillar-EMCP-3406,C15,C18,C32,engine,Cummins-PCC-1300,2100,3100, Volvo, (20kva-1250kva).**
- Installation and commissioning of different types of generator.
- Technical know- how of synchronizing, load sharing of different types of generators using **Deepsea Electronics controllers** and adopting Caterpillar EMCP using **Deepsea Sync** panel.
- Upgrading of control and re wiring of Deepsea synchronization panel.
- Technical know-how of programming and re-program of Deepsea controllers according to the specification and requirements by customer using Deepsea specific software.
- Performed changing voltage of different types of generator from 220 Volts up to 480 Volts according to the requirements by the customer.
- Performed changing frequency from 50Hz up to 60Hz interval (**Perkins-FG Wilson**) using **Electronic Service Tool and Deepsea Electronics** software.

- Technical knowhow of troubleshooting of electrical controls of different types of compressor ranging **185 CFM-1550 CFM.etc. Sullair, Ingersoll Rand, atlas copco.**
- Performed preventive maintenance services and lubrication of different types of generators, compressor, welding machine and tower lights etc. change oil, fuel filter, oil filter, air filter and conduct minor troubleshooting of mechanical works.
- Performed repair and maintenance of DC alternator, DC starter motor and AC motors.
- Familiar of electrical diagram of different types of generator, compressor, tower light and welding machine.
- Directly report to Service Manager/supervisor in-charge for complete inspection and analysis report.
- Provide specific design and wiring diagram of AC motor controllers using basic AutoCAD drawing.
- Can read and interpret of Piping and Instrumentation Diagram.
- Provide electrical lay-out and re wiring of office cabin.
- Ensure Standard Safety Programs/Protocol in implementing a Project.

Job Experience **August 1, 2004 – April 2010 *Beauchem Thermtect Group Inc. Pque., Phils***

Senior Service Electrical Technician

- Technical know-how of different electrical projects such as installation, design, fabrication and commissioning of control panels according to the specification and requirements needed by different manufacturing plant.
- **Exclusive Philippine Sales distributor and Service Representatives of Weishaupt Burner's, Germany's No. 1 Industrial Burners.**
- Technical know-how of troubleshooting of different types industrial controls.
- Familiar of different types of Instrumentation Controls and equipment.
- Technical know-how of rewiring, upgrading and re-commissioning of different types of electrical controls and motor control.
- Conduct overhauling of burner, checking of burner parts prior for parts recommendation in order to maintain the efficient operation of the equipment.
- Technical know-how on how to program and reprogram of instrumentation control such as temperature controller, pressure controller and variable speed drive.
- Technical know-how on how to calibrate and fine tuning of different types of industrial burners and boilers to ensure boiler efficiency, heat transfer efficiency and combustion efficiency.
- Technical know-how for commissioning of different types of industrial burners and boilers as long as their controls.
- Familiar of different types of electrical wiring diagram, Plant and Instrumentation diagram (PID), electrical ladder diagram and PLC ladder diagram.
- Familiar of different types of Industrial motors.
- Provide specific design, data and technical drawing of different types of electrical controls and electrical wiring diagram as requirements needed by different manufacturing plant.
- Ensure Standard Safety Programs/Protocol in implementing a Project.
- Estimate materials for electrical projects with detailed specification, work/project duration, provide manpower with different skills and specialization needed for the project.
- Provide Planning, scope of work, Gantt chart & scheduled monitoring reports on project accomplishment.

Nov. 3, 2003 – March 6, 2004 **Beauchem Thermtect Group Inc.** 002
santol st. Paranaque City, Philippines.

On the job training (complete 750 hours as requirement of the school)

Skills

- Has a good communication skill.
- Proficient in Microsoft office application such as word, excel, power point and outlook.
- Ability to perform basic CAD Drawings.
- Ability to read and interpret engineering drawings and specifications.
- Can do works with less supervisions.
- Can operate lifting equipment such as fork lift, telehandler, scissor lift.

Personal Identification

Age : 39 years old
Birth date : July 02, 1982
Civil Status : Married
Religion : Roman Catholic
Father's name : Honorio V. Taroma
Occupation : full timeFarmer
Mother's name: Leticia A. Taroma
Occupation : Housekeeper
Spouse Name : Harlene A. Taroma
SSS number : 33-8835931-5
TIN number : 288-321-399

Seminars/Trainings Attended

- **Volvo Penta Training Center – Al Masood**
Familiarization, Basic troubleshooting and maintenance
10th and 11th July 2018
Dubai Maritime Center, Dubai UAE
- **Mcdermott Saudi Arabia**
Mcderott Quality and Safety Induction
Online Training Course and Examination
04 October 2017
- **Sterling and Wilson PowerGen LLC**
Basic on VOLVO and MTU,Basic on Deepsea Controller
18th June 2011
Jubail, Saudi Arabia
- **ComRent International Middle East**
Load Testing Workshop
11th and 12th December 2010
E.P Operations HQ Al-khobar Saudi Arabia
- **Weishaupt Burner Training and Seminar**
Digital Combustion Management
Thai Heat Burners
October 10th – October 11th 2008
Bangkok, Thailand

- **Safety Work Practices**
July 9th - 13th 2007
CPI Training Room, Caltex Philippines, Makati Phils.
- **18th Advance Programmable Logic Controller(PLC)Course Training
Mechatronics Automation**
April 22 – May 27, 2006
Virata Hall, University of the Philippines
Diliman, Quezon City
- **Safe Performance Self Assessment**
October 27, 2005
Caltex Phils.
Makati City, Phils.