

**Allan T. Luengas**

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**OBJECTIVE**

 To be able to achieve my goals, gain more knowledge, have a responsible position that will employ my profession and offer opportunities for personal and professional growth.

**SUMMARY**

I'm a **Mechanical Engineer** experienced in the field of Construction, Testing and Commissioning, Facility Management, MEP related works, and Automotive scope.

International and local company exposure a total of more than 17 years experience to different fields.

Correspondingly handle work scope pertaining to swimming pool, jacuzzi, sauna and steam rooms, spa and water features.

Part of our task includes repair and maintenance of pumps and motors, sand filters, heating and cooling units, chemical dosing equipments, and e-clear system, valves, and actuators.

Capable to run, test and commission pools, fountains and water features.

Background in mechanical and hydraulic systems, and have a great passion in automotive scope and relevant repair and maintenance works.

Experience in Plant Machinery and Vehicles (PMV) as a Cadet Engineer and latter as Equipment Engineer.

Carried out hands on work as necessary.

Able to use and carry out Automotive Diagnostic scanning using On-Board diagnostic scanning tools like Foxwell and Launch scanner.

Gain experience in machine shop including fabrication, lathe and machining works, handling and supervising a machine shop.

I’ll consider my On-The-Job Training (OJT) at Coca-Cola Bottlers Philippines Inc.

Exposed in repair and maintenance works for conveyors, monitoring and checking boilers, heat exchangers and pneumatic lifters. During this time, participated and involved also in some shutdown works.

In line with above, I handle works and serve as Service Engineer, Testing and Commissioning Engineer, Senior MEP Engineer that are related to my previous experiences.

**ACHIEVEMENTS**

 ● Handle and accomplish task and job assignments efficiently with respect to time and cost.

 ● Reduction of company overhead expenses

 through zero accident upon ensuring safety

 techniques and procedures.

 ● Keep up maximum productivity from maintaining good working environment, proper handling and storage of materials and tools.

 ● Upholds and promotes the good name of the company in all transactions with customers, co- employees, and preserves the most favorable company image by conducting assigned functions.

 ● Able to multi-task without affecting work schedules and performance.

 ● Adopt and observe proper sanitation to workplace before and after conducting any task.

 ● Able to train other colleagues for job

 improvement.

**TECHNICAL SKILLS**

**Operating Systems:** MicrosoftWindows 98/2000/XP Professional

**Applications/Tools:** MS Office, MS Word, MS Excel, AutoCAD basics, Lotus Notes, Internet

**Actual Skills:** Diagnose disassembly & assembly, repair, install, testing & adjusting hydraulic and mechanical system and circuits.

Operate some heavy duty equipments.

 Calibrate, set, adjust parametric configuration chemical dosing systems, E-clear units and mechanical systems, electric actuators, and motorized operated valves.

 Repair of car air conditioning unit and refrigerant charging.

 Some knowledge related to electrical control panel.

**PROFESSIONAL EXPERIENCE**

# Bahar Shat Al Arab Car Maintenance and Accessories Fereej Bin Mahmoud, Doha Qatar

# October 10, 2023 – present

***Manager***

● Manage daily activities on the garage

 workshop.

● Resolve issues and concerns related to daily

 work scope.

● Provide technical inputs to mechanics and

. electrician.

● Carried out marketing works for the garage

 gaining more customers.

# Regency Pools and Landscaping Lusail FV09Building near Place Vendome

# March 7, 2018 – October 9, 2023

***Sr. MEP Engineer /***

***Testing & Commissioning Engineer***

● Conducted Testing & Commissioning of

 swimming pool system and its equipments and accessories, water feature and fountains, steam room, and sauna, jacuzzi and its equipment. Capable to run equipments and pool system including calibration and setting of chemical dosing system, heating and cooling units, heaters, and E-Clear system.

 ● Prepare handing over documents for tested and commissioned projects. Handover projects to clients.

 ● Prepare material request through ERP system including spare parts required prior to equipment repairs. Assist in collection of materials from supplier to site.

 ● Involved in construction stage especially on MEP installations including piping and plumbing

 works, pump room works from first fix to completion stage.

● Checked and review shop drawings and assist draftsman upon drawing preparation.

● Respond to breakdowns, diagnose faults and issues, perform troubleshooting and root cause ( RCA ) analysis of equipments failure and create incident reports.

● Checked Operation and Maintenance Manual before final submission.

● Comply with QCDD, Jahramaa standards for all equipment and systems.

 ● Attend meetings along with consultant and client, main contractor and joint site coordination pertaining to handled projects.

● Suggest and recommend new ideas to optimize the production efficiency for good and better performance.

● Preparation and submission of material requisition using CAFM and ERP system including IProcurement request.

● Collection of payments after handing over in case incharge from accounts department is not

available.

# Watertech United W.L.L. IBN Sena St. Muntazah Doha, Qatar

# October 1, 2012 – February 2018

***Mechanical Engineer***

● Conducted Testing & Commissioning of water feature and pool equipments.

● Prepare calculation and material take-offs required for each handled projects.

● Prepare Handing over Operation and Maintenance Manual on completed projects.

● Create MEP Planned Preventive Maintenance (PPM) schedule and ensure full PPM is carried out in the given time.

● Create asset register and records of all equipment.

● Checked and review shop drawings and assist draftsman upon drawing preparation.

● Attend meetings along with consultant and client, main contractor and joint site coordination

 pertaining to handled projects.

● Responsible for day-to-day activity of supervisors, foreman, technician and support them with technical knowhow and with direct responsibility of operation.

 ● Prepare, apply and submission of Permit To Work including Cold and Hot Work PTW’s.

 ● Prepare weekly, monthly, quarterly reports and prepare submission of achieved and completed

 works based on KPI system.

 ● Prepare quotations, invoices and necessary documents through Blanket Purchase Agreement

 (BPA).

● Assigned at Qatar Foundation. Handle maintenance including repairs for facilities in all areas related to swimming pool, water fountains, sauna and steam, jacuzzi, horse pool, artificial

 lagoon areas covered Education City, QSTP, QNCC, Sidra Hospital, Qatar National Library, Al Shaqab ECCH Lot 4, etc.

**Best Flow Trading W.L.L.** *Ezdan Tower Doha Qatar*

***May 1, 2011 – June 2, 2012***

***Service Engineer / Store Manager***

 ● Handle and responsible for all technical works.

 ● Responsible for before and after sales technical support on supplied product.

 ● Responsible technical and daily service reports regarding site issues.

 ● Manage and handle company warehouse and workshop.

 ● Keep records of all stocks and supplies, maintenance and

 repair costs, incidents and procedures, Operation and

 Maintenance Manual of Equipments.

Fluid Control Trading LLC. Sheikh Zayed Road Dubai United Arab Emirates

# December 9, 2009 – April 30, 2011

***Service Engineer***

 ● Conducted hydro testing and repair on different MEP materials such as check valves, ball valves,

 globe valves, butterfly valves, etc.

 ● Responsible for technical and daily reports regarding project site issues.

 ● Check, inspect and test items spares particularly motor operated valves, and actuators.

 ● Quality and functionality test and check before delivery and installation.

 ● Handle projects in Dubai, Abu Dhabi, and Qatar.

**Consolidated Contractors International Company. RAS GAS Onshore Onplot Expansion Project,**

Ras Laffan Industrial City State of Qatar ***August 17, 2007 - May 11, 2009***

***Assistant Heavy Duty Mechanic / Millwright Fitter***

 ● Assigned at Main Plant Machinery and Vehicles (Main PMV) as an Assistant Mechanic and

 conducted repairs on company equipments located at project site and workshop areas.

 ● Field tested, diagnose, troubleshoot, and repair engine component defects and hydraulic system

. failures.

 ● Performed major repairs on heavy duty equipment and earth moving machineries specifically

. **Caterpillar** equipments such as wheel loader 966H, 950 H, excavators 345 BL, 330BLN, 320C, 312B,

 225DLN, motor grader 14G, 12G, 14H, skidloaders 216B, 2226B, forklifts, etc. and **Komatsu** equipments

 such as wheel loader WA420-3 Avance, WA 320 Avance, excavators PC400, PC220, PC200, and forklifts

 such as FD70E(*10 ton work load capacity*), **XCMG** wheel loader ZLG50, **Hyster,** and **Dalian** forklifts (*5 & 10*

 *ton capacity*). screw type Air compressors such as **Ingersoll Rand** XP750, and **Atlas Copco** XAMS 355 ,

 mobile and rough terrain crane, specifically on hydraulic pumps, torque converter, transmission,

 swivel, hoisting motors, and control valves, such crane as **Grove** RT 9100, RT760, RT 745, RT 700E, RT

 500C, etc., **P&H** Century II Series, and **Tadano** TR250, **Kobelco** CK 1600 and CKE 1350, **Hitachi** CX 550 and

 CX700 crawler crane components specifically boom and jib section, hoisting systems, and crawlers.

 ● Serve as **Millwright Fitter** and performed preservation on static and rotating equipments at project

 areas RGX6/7, AKG2, Inlet Facility, and Pipeline Compressor Area such equipment as vessels,

 heat exchangers, columns, compressors, companders, lube oil skids, and electric motors, air fan

 coolers.

 ● Responsible for documentation and reports on equipment maintenance card, Daily, Weekly, and Bi-

 Weekly general preservation activities to be forwarded to CCIC, QC Department, and CTJV.

 ● Responsible for requisition and procurement of parts and items needed for our preservation

. activities.

**Primary Structures Corporation.** Cebu City Philippines

***Cadet Engineer / Equipment Engineer / Project Engineer***

***October 2005 - August 2007***

 ●Performed maintenance and repair to

 following heavy, light equipments and

 power tools such as

 mobile and rough terrain cranes,

 **Kobelco, Tadano;** bulldozers, **Komatsu;**

 excavators, rammer

 compactors, chipping hammers, bagger

 mixers, concrete vibrators, portable

 electric drills, submersible pumps,

 and jack hammers

 ●Established scheduling for both light

 and heavy duty equipments as well as

 planning, monitoring,

 and dispatching and assisted on

 diagnosing & troubleshooting electrical

 troubles and circuit failure.

 ● Performed cloning of parts and assemblies serving as a spare assembly for immediate replacement of

. any damaged components and assemblies.

 ● Participated tower crane **POTAIN** FO23B, and **SCM** H336B erection, installation of its components and

. accessories, as well as dismantling and troubleshooting mechanical failures.

 ● Responsible for receiving and proactively gathering all operators complaints regarding equipment

 defects and rescuing dispatched equipment for immediate repair.

 ● Responsible for decision making on what to be done for equipment repair and to share technical

 expertise learned from seminars, workshops/orientations more specifically on global equipment

 repair systems and procedures.

 ● Responsible for some aspects in procurement of parts necessary for undergoing repair.

 ● Act as a consultant and inspector during rehabilitation and major repair works done of all equipments

 on project site.

 ● Responsible for some accountable forms, its flows and disposition and the return of used accountable

. forms to the head office.

 ● Accepted other responsibilities related to administrative functions dealing with project workers on

 site.

**Bohol Machine Shop and Engineering Works.**

Tagbilaran City Bohol, Philippines

***November 2004 – January 2005***

 ***Supervisor***

 ● Responsible for receiving and gathering all clients needs specifically for fabrication and machining.

 ● Provide guidelines and proper procedure as with technical expertise to all workers with their

 respective task.

 ● Supervised machinist on different machining and shop works such as crankshaft alignment and

. settings, cylinder block reboring, engine head refacing, crack testing, fabrication of gears and

 bushings,

 propeller shaft alignment and modification, etc.

 ● Performed and assist repair and replacement on damaged parts for electric starting motor.

 ● Responsible for assigning machinist with regards to work requirement in accordance with machinist

 capability.

 ● Responsible for ensuring safety and discipline for all workers inside workshop.

 ● Responsible for implementing orderliness, sanitation and cleanliness of workshop.

**Coca-Cola Bottlers Philippines Inc.** Tagbilaran City Bohol, Philippines

***Trainee*** ***April 2003 - June 2003***

 ● Performed job assignment as instructed by superiors for exposure and improvements, such work as

 electric motor disassembly and assembly including repair on damaged parts.

 ● Assisted on disassembly, assembly, repair, testing, and installation of pneumatic lifters.

 ● Performed corrective, preventive maintenance on plant facilities such as conveyors, generator sets,

 HVAC equipments and valves, lifting equipments *(such as forklifts)*, and service trucks.

 ● Exposed on to fire and water tube boilers and assisted repair and maintenance.

 ● Take charged on filing some important files and records as making inventory on mechanical parts for

 repair and maintenance section.

**EDUCATION**

**Bohol Island State University** Tagbilaran City Campus Bohol, Philippines

***Bachelor of Science in Mechanical Engineering,*** *March 2004*

**LICENSE**

 Mechanical Engineer, *October 2004*

**PROFESSIONAL ASSOCIATIONS**

Philippine Society of Mechanical Engineer, *member 2004 - present*

Parish Eucharistic Minister, Our Lady of the Holy Rosary Catholic Church Doha Qatar, *January 2008 - May2009*

**PROFESSIONAL DEVELOPMENT AND TRAINING COURSES**

Ras Gas Safety Induction, *November 15, 2007*

Hydrogen Sulfide and Breathing Apparatus Familiarization Course, *November 15, 2007*

Confined Space Entry,  *October 16, 2007*

Heat Stress Orientation and Training, *August 28, 2007*

100% Tie Off,  *August 20, 2007*

conducted at **Consolidated Contractors International Company Training Center** Doha State of Qatar

Pre-Departure Orientation Seminar

conducted at **East West Placement Center Inc.**, Makati Manila, Philippines, *August 3, 2007*

First Aid at Oil and Gas Drilling Rig.

Orientation on Introduction to Hydrogen Sulfide (H2S) / Self Contained Breathing Apparatus (SCBA)

Orientation on Prevention of Marine Pollution by Oil pursuant to MARPOL 73/78

International Association of Drilling Contractors (IADC) Rigpass Orientation and Basic Safety Awareness (including Slinger and Bankman Safety Measure)

Introduction to Basic Oil Well Drilling Technology

conducted at **Oil Well Drilling Technology Development Center Inc.** Cebu City, Philippines, *June 2007*

Operator and Maintenance Training for Drilling and Demolition Tools, *August 2006*

Management Training Program on Heavy Equipment, *October 2005 - April 2006*

conducted at **Primary Structures Corporation Training Center**, Cebu City, Philippines

Seminar and Tutorial Workshop in the Field of Auto Diesel Mechanic

conducted at **High Skill Technical Training Center Inc.**, Lapu-Lapu City Cebu, Philippines,  *June-October 2005*

Plant Visit

JANOPOL HYDRO POWER PLANT, **Janopol Balilihan, Bohol Philippines**, MARCELA FARM, **Ubay, Bohol** **Philippines**, YOKOHAMA TIRES, ENER TECH*(boiler manufacturer)*, MOLDEX *(plastic manufacturer)*, MAKILING BANAHAW GEOTHERMAL PLANT, FRANCISCO MOTORS, WEBFORGE, SIEMENS POWER PLANT conducted at **Manila City Philippines**, *December 2003*

Non-Formal Education Skills Training on Building Wiring conducted at **Poblacion Norte Carmen, Bohol Town Hall**, Poblacion Norte Carmen, Bohol Philippines, *April - May 2002*

**AWARDS AND RECOGNITION**

Safety Award, **RAS GAS Company Limited** RGX2 Onshore Project, *March 26, 2008*

**INTERESTS / HOBBIES**

Sports and games particularly basketball, soccer and volleyball.

Exploring, and reading.

**PERSONAL DETAILS**

Name: Allan Tajale Luengas

Address: Poblacion Norte Carmen, Bohol Philippines

Profession: Mechanical Engineer

License No.: 0064851

Passport No.: P5212648B

Date of Birth: October 28, 1982

Nationality: Filipino

Sex: Male

Marital Status: Married

**DRIVING LICENSE:**

**Qatar driving license** *(valid up to June 6, 2028)*

My CV serve as my qualification reference for my interest to apply a position related to my profession as Mechanical Engineer.