



MELCHOR OMANDAC ENTROLISO

Mechanical Engineer Licensed

Address: Talavera Toledo City Philippines (6038)

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CAREER OBJECTIVE:

Seeking to enhance my career with a progressive organization that provides an opportunity to expand my technical skills and abilities

To build a long-term career with opportunities for career growth.

As a Project Engineer and Quality Control Inspection Engineer/Field Engineer, I am designed to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. a position in a dynamic organization where I can launch my career and work towards building a strong skill set. I am a hard-working individual looking for a challenging position where I can highlight my skills and contribute to the growth of the organization.

Mechanical Engineer Technician/Fitter

Global Business Power MGEN group Company

Oct 2013 - PRESENT (10 Years, 2 Months)

Company Industry

Energy (Electrical Power & Petroleum)

Location

Daan lungsod Toledo City Cebu Philippines 6038, Philippines

Job Responsibilities

Oct 1, 2013, to 2015

As a Mechanical Engineer Technician/Fitter planning and testing of mechanical components, equipment, and machinery, such as engines, auxiliary equipment systems, Turbine controls, machines, etc. Helps prepare proposals and estimates. Estimates workload to establish completion dates. Being a Mechanical Engineer Technician Typically reports to a supervisor or manager. as a Mechanical Engineer Technician works under moderate supervision. Gaining or has attained full proficiency in a specific area of discipline.

- Coordinate the preparation of construction drawings and specifications for plant process equipment.
- Design and installation of new and replacement equipment.
- Work with consultants and contractors as necessary to accomplish engineering objectives.
- Troubleshoot existing systems with operations and maintenance to resolve safety or production problems with engineered solutions.
- Identify technical and operational training needs and initiate action on capital and O & M projects.
- Monitor work activity to ensure it is being done in a safe manner and in compliance with current regulations.
- Assist in record keeping of system work order files, standard drawing, and data files.
- Analyze plant data and provide recommendations.
- Monitor and recommend modern technology which could improve the efficiency, reliability, availability, and longevity of the power plant.
- Provide engineering support to other departments as required.
- Follow all safety rules and regulations, identify unsafe work conditions, and report them to management
- Participate in the call-in program required to be available for weekend and holiday on-call and after-hours duty
- Conduct miscellaneous duties and tasks as assigned, contribute to department goals, and perform work related travel as necessary
- Perform duties with dignity and respect while maintaining exemplary attendance and adherence to schedule
- Direct contractors and other technicians in completing work
- Generate process improvement solutions
- Possess excellent self-motivation and productivity skills
- Accept responsibility and meet deadlines
- Use PC software and applications (CMMS, web browsers, Word, Excel, email)
- Operate industrial vehicles
- Read, redline, and understand all types of drawings/schematics
- Operate hand tools, power tools, and basic shop tools (grinder, drill press, sand blaster, band saw, etc.).
- Use precision measuring equipment, read gauges, and understand units of measures.
- Understand materials of construction and chemical compatibility
- Utilize interpersonal skills and work well on a team to conduct maintenance tasks
- Excellent verbal and written communication skills

- Use good documentation practices

Auxiliary Operator

Global Business Power MGEN group Company

Oct 2013 - PRESENT (10 Years, 2 Months)

Company Industry

Energy (Electrical Power & Petroleum)

Location

Daan lungsod Toledo City Cebu Philippines 6038, Philippines

Job Responsibilities

2015 to 2017

As a Auxiliary Operator supporting the safe and efficient operation of a power plant. Responsibilities include assisting with equipment startup, shutdown, and maintenance tasks, as well as troubleshooting and ensuring the overall reliability of plant systems. This role also involves collaboration with control room operators, adherence to safety procedures, and physical tasks such as valve operation and equipment maintenance.

- Starts up, shuts down and operates boiler and turbine auxiliaries to meet customer needs and in accordance with MP safety rules, federal and state regulations and insurance guidelines.
- Energizes, de-energizes and isolates substation and line equipment while assuring the safety of crews and equipment.
- Provides external entities and/or direct customers with continuous service.
- Establishes and maintains an effective communication and working relationship between various departments and internal/external customers.
- Execute valve and switch operations in a specified sequence under the direction of other team members to initiate, halt, or run systems and equipment.
- Conduct routine plant inspections, documenting data and promptly reporting any abnormalities such as vibrations, unusual noises, or leaks for corrective maintenance.
- Diagnose and troubleshoot process equipment and issues, actively contributing to problem-solving efforts.
- Perform equipment maintenance tasks such as cleaning, lubrication, and collecting samples for laboratory analysis to prevent equipment failures.
- Identify opportunities for improving overall plant reliability and operational performance and make recommendations accordingly.
- Assist in implementing Lockout-Tagout (LOTO) procedures and equipment draining for safe maintenance.
- Collaborate with Control Room Operator and Operations Supervisor during power plant startup, shutdown, and regular operations.

- Maintain effective communication with the control room to provide timely assistance as required.
- Keep records of system status using relevant journals and control system tools.
- Attending scheduled training sessions to enhance knowledge and skills.
- Participate in the modification, updating, or development of system operating procedures (SOP).
- Contribute to maintaining cleanliness in work areas throughout the power plant.
- Help with the upkeep and organization of tools and vehicles essential for job duties.
- Handle necessary chemicals with appropriate Personal Protective Equipment (PPE) for normal power plant operations.
- Familiarize oneself with emergency, evacuation, and blackout procedures.
- Operate and inspect power plant systems in accordance with safety operating procedures, systems include, but are not exclusively limited to boilers, air pollution control systems, ash systems, and heavy industrial equipment
- Monitor and inspect various boiler plant auxiliary equipment, including pumps, motors, fans, dampers, air compressors, valves, mixers, conveyors, turbine generators and electrical devices
- Read and interpret data from meters, gauges, and industrial measuring tools to identify trends and/or potential equipment disruptions that impact facility operations

Control Room Engineer

Global Business Power MGEN group Company

Oct 2013 - PRESENT (10 Years, 2 Months)

Company Industry

Energy (Electrical Power & Petroleum)

Location

Daan lungsod Toledo City Cebu Philippines 6038, Philippines

Job Responsibilities

2017 to Present

As a Control Room Operator Monitor and **control** boiler, turbine, and auxiliary plant equipment from the **control room** to maintain safe, efficient, and continuous plant operation.

- Perform start-up Procedure during PMS of UNIT.
- Perform Shutdown Activities during Abnormal Reading of DCS.
- perform a wide variety of tasks to ensure optimal and safe operation of equipment that produces and distributes Generation Load.
- Operate control equipment to obtain safe and economical operation of boilers, turbines, and auxiliary equipment.

- Receive calls and execute orders from the Generation Dispatch Center and maintain a complete record of orders, operations, and incidents.
- Perform start-up, operation, and shutdown of equipment, systems, and the plant in accordance with approved plant procedures.
- Monitor and record plant operating parameters inside the control room; adjust as required to maintain safe and efficient operation of the plant.
- Prepare logs and reports as required.
- Upon detecting faulty equipment operation, diagnose the cause then take proper action to restore the equipment and plant to a safe condition.
- Keep the shift supervisor informed of any abnormal or unusual conditions that may occur.
- Perform troubleshooting activities related to plant operating systems.
- Substitute and routinely perform the duties of the Operator inside the plant.
- Direct the actions of the Auxiliary Operators as required to start-up, operate, shutdown, and respond to abnormal situations from outside the control room.
- Identify, troubleshoot, correct, and report on conditions that are likely to develop into operational problems or safety hazards.
- Respond to and report on chemical spills and leaks in accordance with plant emergency response plans.
- Monitor, maintain, and verify proper water treatment systems and boiler chemistry.
- Ensure thorough turnover from Control Room Operator being relieved, including special orders, unusual operating conditions, and review of operating logs and key parameters.
- Perform other duties which are similar, related, and incidental to the position.
- Perform tests on critical safety systems, as directed, including lube oil pumps, turbine valves, turbine system trips, boiler trips and permissive.
- A Control Operator is responsible for the safe and efficient operation of boiler, steam driven generation equipment and associated auxiliary equipment
- A Control Operator is a journeyman employee who directly operates and performs tasks associated with a coal fired generation plant and directs the safe and efficient operation of coal fired boilers, steam driven turbine/generators and all associated auxiliary equipment.
- Under the direction of a Shift Supervisor, the Control Operator works with and directs the work of plant operators, and operator trainees.
- At times, the Control Operator assists with the training of plant operators.
- Responsible for the routine and emergency operation of the generating unit.
- Delegated representative responsible for execution and monitoring of the Generation Lockout/Tagout procedure.
- Interfaces directly with Grid Operations and Generation Dispatching personnel.

Project Engineer/Quality Control & Inspection Engineer/ Field Engineer

THI Heavy Industries

Apr 2012 - Sep 2013 (1 Year, 5 Months)

Company Industry

Construction / Building / Engineering

Location

Balam ban Cebu City Philippines 6041, Philippines

Job Responsibilities

Project Engineer

- Assist construction manager in establishing project objectives, procedures, data collection methods, and performance standards within parameters of corporate policy
- Prepare scheduled or necessary updates of construction activities and determine personnel and equipment requirements
- Create and administer testing protocols for monitoring project performance
- Inform supervisors and subcontractors promptly of any construction schedule changes, and work closely with all stakeholders to ensure requirements are met
- Oversee budgetary, scheduling, and project databases, and report regularly to project manager on progress as well as on problems that could significantly affect cost or schedule
- Manage compliance with standards and specifications for quality control and assurance
- Prepare, schedule, coordinate and monitor the assigned engineering projects
- Monitor compliance to applicable codes, practices, QA/QC policies, performance standards and specifications
- Interact daily with the clients to interpret their needs and requirements and represent them in the field

Quality Control Engineer

- Checking that the assembly or production line adheres to standards and procedures and complying with legal requirements
- Reviewing blueprints and specifications to compare to produced goods
- Recording inspection results by completing reports, summarizing re-works and wastes and inputting data into quality database
- Training the production team on quality control measures to improve product excellence
- Monitoring the use of equipment to ensure it is safe and discard any that do not meet requirement
- Keeping measurement equipment operating accurately by following calibration requirements and calling for repairs
- Reading and interpreting engineering drawings and radiographs
- Using gauges such as calipers and micrometers to measure products
- Collecting and compiling statistical quality data
- Assisting in the development of test methods and inspection plans
- Determining the causes of product defects and reworks
- Verifying all equipment is calibrated correctly
- Establishes basic Test and Inspection Plans for projects. Perform in-process work surveillances, safety surveillances and conduct final work-package review after work-completion.

Field Engineer

- Checking that the assembly or production line adheres to standards and procedures and complying with legal requirements
- Reviewing blueprints and specifications to compare to produced goods
- Recording inspection results by completing reports, summarizing re-works and wastes and inputting data into quality database
- Proposing improvements to the production process
- Monitoring the use of equipment to ensure it is safe and discard any that do not meet requirements
- Updating job knowledge by engaging in educational opportunities and regular training
- Keeping measurement equipment operating accurately by following calibration requirements and calling for repairs
- Reading and interpreting engineering drawings and radiographs
- Using gauges such as calipers and micrometers to measure products
- Collecting and compiling statistical quality data

Mechanical fitter/ Automotive mechanic/Crane Operator and Forklift Operator

THI Heavy Industries

Jun 2007 - Sep 2010 (3 Years, 3 Months)

Company Industry

Construction / Building / Engineering

Location

Balam ban Cebu City Philippines 6041, Philippines

Job Responsibilities

As a Mechanical Technician, it is essential to possess a range of technical and mechanical skills that enable to perform the duties of the job with precision and accuracy. Such technical skills include:

- Knowledge of mechanical principles and theories
- Ability to read and interpret technical drawings and schematics
- Proficiency in using various hand and power tools
- Strong analytical and problem-solving skills
- Familiarity with computer-aided design (CAD) software and other relevant technologies
- Ability to troubleshoot and repair mechanical systems and equipment
- Knowledge of safety protocols and best practices.
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As an Automotive Technician, I am responsible for diagnosing and repairing vehicle engine systems.

- Repair brake and steering systems.
- Diagnose and repair electrical and electronic systems.
- Replace or repair transmissions and fuel components as needed.
- Repair cooling components and systems including air conditioners and engine cooling.

- Perform emissions inspections, safety checks and similar state-regulated vehicle examinations.
- Maintain a clean, safe working environment.
- Produce legible and accurate paperwork reflecting work performed.
- Possess a valid state driver's license for conducting test drives.

Mobile Crane Operator responsibilities:

- Operating the crane under supervision.
- Inspecting the crane to ensure its safety.
- Performing routine maintenance.
- Carrying tools for running repairs.
- Driving the crane to a worksite.
- Wearing PPT safety equipment.
- Cleaning and maintaining the crane hoisting mechanism.
- Using lever and pedal controls efficiently.
- Setting up the manufacturer's operator manual.

Forklift Operator responsibilities:

- Loading, unloading, shipping, and receiving warehouse items.
- Transporting materials to various locations within the facility.
- Optimizing loads to ensure operational efficiency.
- Securing loads to the machine before transportation.
- Inspecting for damage to vehicles.
- Scheduling vehicles for maintenance and repairs.
- Operating and managing technical equipment.
- Managing inventory by utilizing RF scanning equipment.
- Picking and wrapping orders for shipment.
- Identifying workplace safety hazards.
- Adhering to safety management standards.
- Adhering to production schedules.

Educational Attainment

University of the Visayas

Mechanical Engineering (Mechanical Engineer Board Passer)

Bachelor's / College Degree

Jun 2007 - Oct 2011

Concord Technical Course

Automotive Mechanic 1 year course

Vocational Diploma / Short Course Certificate

Jun 2005 - Mar 2006

Licenses / Certifications

| # | License/Certification | License/Certificate Number | Date Taken |
|---|------------------------------------|----------------------------|--------------|
| 1 | Professional Regulation Commission | 78377 | Apr 04, 2012 |

Government Documents

Passport

ID Number

P3607980C

Place of Issue

DFA CEBU CITY

Date of Expiration

Mar 16, 2033

Trainings / Seminars

| # | Topic/Course Title | Duration | Organizer | Location |
|---|--|-----------------------------|-----------------------------|----------------------------------|
| 1 | STANDARD FIRST AID POWER PLANT TRAINING | Jun 27, 2022 - Jun 28, 2022 | SINSP. MARLYN R. MACATANGAY | Global Business Power MGEN Group |
| 2 | basic life support-cardiopulmonary resuscitation | Jun 22, 2022 - Jun 30, 2022 | SINSP. MARLYN R. MACATANGAY | Global Business Power MGEN Group |
| 3 | Power Plant RLMOP training | Sep 02, 2016 - Sep 02, 2016 | MOISES MANABAT | Global Business Power MGEN Group |
| 4 | ELECTRICAL SAFETY of BOILER and Turbine Training | Aug 17, 2016 - Aug 17, 2016 | MOISES MANABAT | Global Business Power MGEN Group |
| 5 | BASIC LIFE SUPPORT CPR ADULT | Oct 22, 2013 - Oct 22, 2013 | MOISES MANABAT | Global Business Power MGEN Group |

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|----|--------------------------------------|-----------------------------|-------------------|-----|
| 6 | Safe forklift operation | Mar 15, 2013 - Mar 15, 2013 | Delius M. Cueva | THI |
| 7 | BOSCH PSME | Feb 22, 2013 - Feb 22, 2013 | GOLDEN MARANAN | THI |
| 8 | Material And Welding Course Class Nk | Oct 19, 2012 - Oct 19, 2012 | Shusuke Kaku bare | THI |
| 9 | Safe sky master seminar | Aug 08, 2012 - Aug 10, 2012 | Delius M. Cueva | THI |
| 10 | Sonic 1200M Flaw detector | Jun 26, 2012 - Jun 26, 2012 | NOEL S. RASPADO | THI |
| 11 | Health and safety | May 02, 2012 - May 02, 2012 | Delius M. Cueva | THI |

Skills

Power point Microsoft word 365 Microsoft excel Basic AutoCAD Basic photoshop

Languages

English Filipino

Character References

Cliford delos reyes

Operation supervisor

Global Business Power MGEN Group Company

09051280880

drofilc0705@yahoo.com

Keith Paglinawan

Operation supervisor

Global Business Power MGEN Group Company

09166760613

site_eaglenest@yahoo.com

UNIVERSITY OF THE VISAYAS

To ALL To Whom These Presents May Come,

Greetings

Be it known that the Board of Trustees by authority of the Commission on Higher Education Republic of the Philippines and on recommendation of the University Council has conferred upon

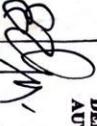
Bachelor D. Fentolis

who has fulfilled all the requirements therefore, the degree of **Bachelor of Science in Mechanical Engineering** with all the rights, honors, and privileges as well as the obligations and responsibilities therunto appertaining.

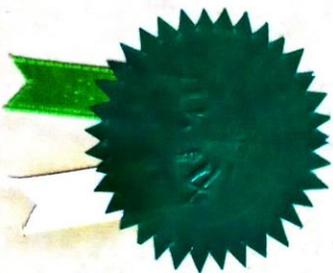
In testimony thereof, the seal of the University and the signatures of the President and the Executive Vice Pres. of VP Finance are herunto affixed,

this **20th** day of **October** Given at Cebu City, Philippines in the year of our Lord, two thousand and **seven**.

DEREGULATED STATUS EFFECTIVE MAY 27, 2010
AUTONOMOUS STATUS EFFECTIVE JULY 15, 2010


Eduardo R. Gullas
President


Jose A. Gullas
Executive Vice President of VP Finance



Doncord Technical Institute
Cebu City, Philippines

MELCHOR O. ENTROLISO

whose eligibility for graduation has been approved by the
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT AUTHORITY
has successfully completed the course in **AUTOMOTIVE MECHANIC**
as prescribed by the Technical Education and Skills Development Authority (TESDA) is therefore awarded this

ᜏᜒᜃᜅᜇᜈᜉᜊᜋᜌᜍᜎᜏᜐᜑᜒᜓ᜔᜕᜖᜗᜘᜙᜚᜛᜜᜝᜞ᜟᜠᜡᜢᜣᜤᜥᜦᜧᜨᜩᜪᜫᜬᜭᜮᜯᜰᜱᜲᜳ᜴᜵᜶᜷᜸᜹᜺᜻᜼᜽᜾᜿

Given at Cebu City, Philippines, this 16th day of MARCH, 2005.

Special Order No. D-R-VII-310-0015C

Series of : 2005

Date: APRIL 25, 2005



Gerardo B. Ty
GERARDO B. TY, M.P.A.
PRESIDENT

Linda A. Thomas
LINDA A. THOMAS
REGISTRAR



**UNIVERSITY OF THE VISAYAS
OFFICE OF THE REGISTRAR**

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Charter member
Re-accredited

OFFICIAL TRANSCRIPT OF RECORDS

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| | | |
|---------------------------------------|--------------------------------------|---------------------------------------|
| ENTROLISO <small>Last Name</small> | MELCHOR <small>First Name</small> | OMANDAC <small>Middle Name</small> |
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PERSONAL DATA:

Date of Birth: January 06, 1988 Gender: MALE Civil Status: SINGLE
Place of Birth: TALAVERA, TOLEDO CITY
Parent/Guardian: MR. & MRS. REYNALDO ENTROLISO JR.
City Address: _____
Home Address: TOLEDO CITY
College of: ENGINEERING AND ARCHITECTURE
Date Admitted: June 03, 2007 Entrance Data to College: W/TOR-UV-TC
Student No. 07020043 Religion: ROMAN CATHOLIC Citizenship: FILIPINO



PRELIMINARY EDUCATION:

Elementary: TALAVERA ELEMENTARY SCHOOL Year: 2000
High School: MATAB-ANG NATIONAL HIGH SCHOOL Year: 2004
College: UNIVERSITY OF THE VISAYAS Year: 2011

GRADING SYSTEM:

| Grade | Equivalent | Indication |
|-----------|------------|---------------|
| 1.0 | A- | 100 - 95% |
| 1.1 - 1.5 | A | 94 - 90% |
| 1.6 - 2.0 | B+ | 89 - 85% |
| 2.1 - 2.5 | B to B- | 84 - 80% |
| 2.6 - 2.9 | C | 79 - 76% |
| 3.0 | C- | 75% |
| 5.0 | | 74% |
| W | | Withdrawn |
| N.C. | | No Credit |
| N.G. | | No Grade |
| INC. | | Incomplete |
| DR | | Dropped |
| NA | | No Attendance |
| N.R. | | No Record |
| E | | Exempted |

Incomplete grades not removed within one academic year is automatically converted into a failing grade.

SEMESTER HOURS CREDIT

One unit of credit is one hour lecture or recitation each week for a total of 18 hours in a semester. Three hours of laboratory work, each week or a total of 54 hours a semester are regarded as equivalent to one unit of credit.
The semestral average grade of student is computed by multiplying the number of units assigned to a course by the grade earned and the product is divided by the total units earned for the semester.
The student is in GOOD MORAL STANDING unless otherwise indicated in the transcript.
The medium of instruction at all levels of education is ENGLISH.

LEONILA VALLAR - LAGARDE

University Registrar

**Not valid without
Official U.V. Seal**