



Medel A. Baligcot
Mechanical Engineer
RME License no.69447-2007

Resume

PERSONAL INFORMATION

Current Address:	Brgy. Canda, Sariaya Quezon	Date of Birth:	February 17, 1985
Permanent Address:	Brgy. Pili, Sariaya Quezon	Age:	35yo
Mobile Phone:	+63939-718-8515 +63927-245-6370	Place of Birth:	Bangui Ilocos Norte, Philippines
E-mail address:	mbaligcot@gmail.com	Nationality:	Filipino

CAREER OBJECTIVE

The career objectives can be summarized as follows: to obtain technical position as deem suitable to skills, experience, and backgrounds, to help a successful organization or company expand further and to grow further professionally and technically, to become an effective team player in a progressive organization or company.

PROFILE

Dynamic and motivated professional in the field of Engineering, Procurement and Construction (EPC), multi-tasking, multi-culture, hardworking, self-motivated, responsible, skilled individual with practical engineering skills, management experience, and consulting methods gained through more than 12 years of practical work experience in English and Japanese Engineering, LNG Hub & Power Station construction, Maintenance supervision for Motor pool/Crushing plant. Open-minded and flexible person.

SUMMARY

Have more than 12 years of challenging and increasing responsibility in Energy and Chemical Plant. Scopes of work are spent in Boiler Design, Material Handling, detailing for each various component (pressure and non-pressure parts), static mechanical equipment (mixing vessel, heat exchangers, distillation towers, drums, tanks, ladders and platforms), performing basic engineering calculations and material take-off.

Experienced in Boiler fabrication as expeditor and inspector, Site construction supervision, testing and commissioning for Biomass Plant.

Supervision works for the fabrication and construction of Bypass stack structural, Pump platform, Pipe Riser structure, and other minor fabrication.

Maintenance supervision for Motor pool and Crushing plant.

CAREER SUMMARY:

Aug. 2018- Present

FIRST RIDGE CONCRETE AGGREGATES CORP.

Barangay Sampaloc II, Sariaya
Quezon, Philippines

Maintenance Head/ Motor pool and Crushing plant

Duties and Responsibilities

- ▶ Supervision at Crushing Plant and Motor pool.
- ▶ Schedule activities for Plant and Motor pool personnel.
- ▶ Coordinate to mechanics, welders and other plant and motor pool personnel for needed materials and parts for the repair of plant and equipment
- ▶ Review and check materials requisition forms
- ▶ Coordinate and follow-up materials to Purchasing department
- ▶ Monitor and ensure Change oil schedule of Crushing Plant and Equipment.
- ▶ Attend management meeting

June 2016 - Aug 2018-

ENERGY WORLD PHILIPPINES INC.

Barangay Ibabang Polo, Pagbilao,
Quezon, Philippines

Fabrication Head/Mechanical Department

Mechanical Engineer/ Power Station Department

Duties and Responsibilities

- ▶ Supervision for all major and minor fabrication works. Supervised the erection of Pipe Riser Structure, Pump Platform Structure and Bypass Stack
- ▶ Prepare progress report for the Fabrication of Bypass Stack Structural.
- ▶ Prepare structural erection method using sketch up and auto Auto Cad software.
- ▶ Prepare request for Inspection to QA/QC.
- ▶ Prepare manpower & scheduling.
- ▶ Review Plans and drawing before execution.
- ▶ Estimate Materials and consumables.
- ▶ Review Material cost comparison prior to PO.
- ▶ Prepare material request needed for fabrication and construction.
- ▶ Creating of pump platform structure fabrication drawing.
- ▶ Supervise the preservation and maintenance for all equipment at Power station.

Jan 8, 2008-May 2016

SHI DESIGNING AND MANUFACTURING INC.

(a subsidiary of Sumitomo Heavy Industries Ltd.)

20th Floor One Corporate Centre Bldg. Julia Vargas Corner Meralco,
Ortigas Center Pasig City, Philippines

Senior Engineer/ Lead Engineer / Boiler and Vessel Department

Engineer/ Designer 2 (E2) / Boiler and Vessel Department

Engineer/ Designer 1 (E1) / Boiler and Vessel Department

Engineer/ Designer 1 (E1) / Process Equipment Department

Junior Engineer / Process Equipment Department

Duties and Responsibilities

- ▶ Provide Planning for Economizer Casing, Hot Gas Duct, Furnace Penthouse Convection Cage Penthouse & Windbox.
- ▶ Making of Header Manual
- ▶ Final checker of detail drawings.
- ▶ Technical adviser to the Engineer and other member

- ▶ Preparation of monthly Man-hour summary
- ▶ Provide and develop Piping and Instrumentation Diagram (P&ID) based from PFD(draft)
- ▶ Provide standard specification in P&ID such as Plant Numbering application method and KKS Numbering System Application method and Update/maintenance of P&ID.
- ▶ Prepare equipment list and valve list.
- ▶ Provide Layout Plan and Assembly drawing of Tanks.
- ▶ Prepare Installation procedure for Coal Handling System.
- ▶ Prepare Fabrication drawing or detailing of Tanks.
- ▶ Preparation of monthly Man-hour summary.
- ▶ Provide Assembly drawing of Mixing vessel.
- ▶ Prepare Fabrication drawing or detailing of Mixing Vessel.
- ▶ In-charge of communication with the clients which includes receiving of projects from clients based on their job orders, sending queries, verification, estimates schedule and Man-hours, and sending final output.
- ▶ Scheduling and ensuring proper distribution of jobs.
- ▶ Making sure to meet the demand of clients with regards to quality and meeting the planned deadline for submission of product drawings which includes checking of planning and detail design.
- ▶ To assist the Japanese counterpart for the Plant Pre-commissioning and commissioning and to study the configuration of Boiler Power Plant during Construction.
- ▶ Prepare progress report of the on-going Boiler construction.
- ▶ Provide Construction Plan in English format.
- ▶ Prepare Inspection report through excel file.
- ▶ Witnessed and inspect the different components of boiler pressure parts undergoing hydro testing.
- ▶ Review different kinds of inspection report coming from the fabricator (Radiographic Testing, Ultrasonic Testing, Magnetic Particle testing and many more).
- ▶ Review and witness dimensional inspection of every boiler pressure parts.
- ▶ Visually inspect different welding procedures done by fabricator.
- ▶ Detailing of Distillation Tower, Heat Exchanger, Tanks, Ladder and Platform. Involved in Distributor calculation and planning.
- ▶ Provide technical support to Lead Engineers with regards to project execution/planning/scheduling/detail checking Boiler component.
- ▶ Prepare Detailing drawings of Boiler Ash Hopper and Windbox.
- ▶ To detail check product quality prior to submission to PL.
- ▶ To execute tasks assigned by the PL, make a timely progress update of his tasks and/or assist other members of the team to meet quality and delivery schedule.

NOTABLE PROJECT INVOLVES:

- Mechanical Engineer
 - LNG Hub Terminal and Combine Cycle Power Station Project
- Boiler Detailing Group-Project Leader
 - Trained in Japan for Boiler Non-Pressure Planning.
- Material Handling Group-Project Leader
 - Tanks/ Bunker Detailing and Others
 - NKA, OMF & GKB-Project, Japan (Fly Ash Tan, Bed Ash Tank & Sand Tank)
 - TBS-IIA- Project, Tuas Singapore (Coal Handling System)
 - KMH2-Project, Korea (TDF Bunker, Fly Ash Tank & Coal Bunker, P&ID)
 - API-Project, Indonesia (Sand Tank, Limestone Tank and Bed Ash Tank)
- Vessel Group-Project Leader
 - Mixing Pressure Vessel Detailing
- Commission Engineer & Site Engineer/Trainee by Sumitomo Heavy Industries Ltd. -JAPAN
 - KBP-Project CFB Boiler/Kawasaki Biomass Plant-Kawasaki, Japan
- Expediter/Inspector for fabrication of Boiler pressure parts -BHPI Batangas
 - KBP-Project CFB Boiler/Kawasaki Biomass Plant-Kawasaki, Japan
- Boiler Detailing Group –Member

SKILLS

- Knowledge in supervision of structural, Boiler Non-pressure parts and pressure parts fabrication
- Possesses knowledge in Mechanical Engineering works.
- Advance knowledge in Auto CAD Software or any equivalent 2D software, & Sketch up.
- Basic Knowledge in Solid Works Software.
- Computer literate:
 - Intermediate to advance knowledge in Microsoft office (Word, Excel and others)
- Have Basic Knowledge in design based on the following codes:
 - ASME Sec. VIII Div. 1 - design, fabrication, inspection, testing, and certification of pressure vessels operating at either internal or external pressures exceeding 15 psig.
 - ASME B16.5-design standard for flanges in different schedule
 - GB standards (Chinese standards)
 - JIS Standards
- Knowledgeable in SHI standard drafting/drawing procedures and methodology.
- Languages:
 - Ilocano – Native Fluency
 - Filipino – Intermediate
 - English – Intermediate to advance intermediate
 - Nihongo – Beginner

TRAINING/SEMINARS

- A. WELDING SEMINAR ON MAINTENANCE AND REPAIR**
EWPI Fabrication shop – Pagbilao Site
Brgy. Ibabang Polo, Sitio Banlisan, Pagbilao, Quezon, Philippines
- B. STANDARD FIRST AID AND BASIC LIFE SUPPORT-CPR/AED TRAINING COURSE**
EWPI Conference Room – Pagbilao Site
Brgy. Ibabang Polo, Sitio Banlisan, Pagbilao, Quezon, Philippines
- C. HAZARDOUS MATERIALS AND CHEMICALSAFETY & SPILL RESPONSE**
EWPI Conference Room – Pagbilao Site
Brgy. Ibabang Polo, Sitio Banlisan, Pagbilao, Quezon, Philippines
- D. CONSTRUCTION OCCUPATIONAL SAFETY AND HEALTH**
EWPI Conference Room – Pagbilao Site Office
Brgy. Ibabang Polo, Sitio Banlisan, Pagbilao, Quezon, Philippines
- E. CONFINED SPACE ENTRY TRAINING**
EWPI Conference Room – Pagbilao Site Office
Brgy. Ibabang Polo, Sitio Banlisan, Pagbilao, Quezon, Philippines
- F. OIL SPILL AWARENES AND EMERGENCY RESPONSE**
EWPI Conference Room – Pagbilao Site Office
Brgy. Ibabang Polo, Sitio Banlisan, Pagbilao, Quezon, Philippines
- G. FREE TECHNICAL WELDING TECHNOLOGY PRESENTATION AND FUROM**
18th floor Natividad Fajardo Auditorium De La Salle University
Fidel Reyes St. Malate Manila
- H. AWAKENING THE LEADER IN YOU** (a High-Impact seminar for supervisors)
20th Floor One Corporate Center Building
Ortigas Center, Pasig City

ACADEMIC QUALIFICATION

College	2005-2007 2001-2004	Cagayan Colleges Tuguegarao (Now University of Cagayan Valley) Florencio L. Vargas College Tuguegarao City, Cagayan Bachelor of Science in Mechanical Engineering
Vocational	2005	TESDA R02 Tuguegarao City, Cagayan HVAC-R (Heating, Ventilation, Air-conditioning & Refrigeration)
High School	1997-2001	Bangui National High School Poblacion, Bangui Ilocos Norte
Elementary	1995-1997	Bangui Central Elementary School Poblacion, Bangui Ilocos Norte
Primary	1991-1995	Bacsil Primary School Brgy. Bacsil, Bangui Ilocos Norte

CHARACTER REFERENCES:

- A. **BRGY CAPT. CENON ALBINA**
Brgy. Captain
Brgy. Castañas, Sariaya Quezon, Philippines
Contact No. +639079734894
- B. **BRGY CAPT. DIONISITO PEREZ**
Brgy. Captain
Brgy. Canda, Sariaya Quezon, Philippines
Contact No. +639293954968
- C. **C. MR. PERCIVAL EROLFO**
Road Right of Way DPWH 4th
District Lucena City Quezon, Philippines
Contact No. +639327114423

I hereby certify that the above information is true and correct to the best of my knowledge and belief.

MEDEL AGUEDAN BALIGCOT

Applicant