

# Jose Rodolfo S. Quinto

*Mechanical engineer*

## WORK EXPERIENCE

### Engine Room Operator – *ThermaMobile Inc. – AboitizPower, Navotas City*

Oct 2019 – Current

- Job Responsibilities
  - Responsible for ensuring the efficient and effective operation of all diesel engines and auxiliary machineries upon instructions of Operations Supervisor and in accordance with standard operating parameters.
  - Prepares and checks all engines and auxiliary equipment for start-up procedures in accordance with work instructions to ensure that all standard operating parameters for start-up are met.
  - Monitors all running engines by conducting routine inspection to ensure that no leaks, excessive vibration, and other abnormality in all equipment.
  - Conducts routine inspection, adjustments, minor corrections, top-up, and other routinary works in accordance with Original Equipment Manufacturer's manual and Work Instructions.
  - Conducts or coordinates with service providers' testing of the physical and chemical properties of the plant's fuel, lube oil, process water, sludge, and other liquids that may be used in the plant
  - Performs turnover activities at the end of the shift to the incoming Control Room Engineer, specifically pertinent information on the condition and performance of engines and auxiliaries, abnormalities that occurred and special instructions received from superior during the shift
- Handled Equipments & Systems:
  - Diesel Power Plant – 11 Wärtsilä Engine 18V32, 60.9 MW of 185MW total plant load
  - Lubricant Oil Purifier/Clarifier – Alfa Laval LOPX 707
  - Fuel Oil Purifier/Clarifier – Alfa Laval FOPX 609
  - Ingersoll Rand high-pressure reciprocating air compressor
  - IndoAir 45T2 two stage 3-cylinder reciprocating air compressor
  - Wärtsilä Exhaust Gas Boiler System
  - HFO Water-tubed, Logic Oil-Fired Boiler
  - Sewage treatment system
  - Oily-water treatment system



(+63) 9171826856



[joserodolfoquinto@gmail.com](mailto:joserodolfoquinto@gmail.com)



#16 Saint Raphael St. Krause Village Greenheights subdivision  
Sucat Paranaque City, Metro Manila, Philippines, 1700

## SKILLS

- Data studio, AppScript, Gsheet, Gdocs, Google Forms
- Data engineering & Data Wrangling
- Microsoft Office programs (Word, Excel, PowerPoint).
- Proficient in CAD software such as CATIA V5 and AutoCAD.
- Knowledgeable in Geometric Dimensioning & Tolerancing.
- Brief knowledge in Failures Mode & Effect Analysis.
- Project design, calculation & estimation
- Knowledge in plastic and sheet metal designing.
- COSH & BOSH Training
- Operation of Diesel Power Plant and Auxiliary Systems
- Knowledge in operating machine tools such as lathe machine, shapers, milling machine
- Experience in using power tools and welding machines

- Additional responsibilities & Company contributions
  - Acting as nozzle man of the emergency response team.
  - Isolation, de-isolation officer & Gas tester for company PTW system
  - Acting as dispatch Control Room Engineer
  - Central dispatch control room engineer OIC
  - Data engineering & Data wrangling: built a system for collecting, storing & analyzing of plant data parameters and lubricant oil data.
  - Creation of dashboards for data monitoring and analyzation
  - Designed a cost-efficient cooling system for diesel generator control panel
  - 3D modeling & 2D P&ID drawings for power plant improvement projects

**Product Design Engineer (Mechanical) - Mitsuba Philippines Technical Center, Makati City**

May 2017 – June 2019

- Handles product development projects of power window motor for Renault, Nissan, & Brose.
- Conducts study, research, and analysis for new product development.
- Creates 3D layouts and prepares 3D parts for product assembly.
- Prepares 2D drawings for mass production use.
- Quality checking of 2D drawings along with BIM with reference to client's request

**Site Engineer (HVAC) – Enerthrust, BPO Mayflower project, Mandaluyong City**

November 2016 – January 2017

- Make 2D drawings of as built of piping and ducting systems.
- Communicates with fellow sub and general contractor to resolve conflicts.
- Conducts daily project monitoring and provide monthly progress reports.

**On-the-Job Trainee (FDAS) - Enerthrust, Shangri-la BGC project, Taguig City**

May 2014 - June 2014

- Assists in making monthly progress reports.
- Assists site engineers in daily project monitoring.
- Learned how to read 2D floor plans of building

**EDUCATION**

**Bachelor of Science in Mechanical Engineering – University of Santo Tomas, Manila City**

Graduated – June 2016

**High School Education – Don Bosco Technical Institute Makati, Makati City**

Graduated – March 2011

**Elementary Education – Colegio de San Agustin/Don Bosco Technical Institute Makati, Makati City**

Graduated – March 2004

**PERSONAL INFORMATION**

Nickname: Joro

Birthday: Sept. 27, 1994

Civil Status: Single

Religion: Roman Catholic

Hobbies: Football, Computer Games, Cryptocurrency, Stocks

**PROFESSIONAL MEMBERSHIPS**

- **Registered Mechanical Engineer**  
*(October 2016 – Present)*
- **American Society of Heating Refrigerating and Air-conditioning Engineers**  
*(June 2014 – May 2016)*
- **Philippine Society of Mechanical Engineers**  
*(June 2014 – May 2016)*
- **Philippine Society of Mechanical Engineers Makati Chapter**  
*(2020-current)*
- **Pambansang Samahan ng Inhinyerong Mekanikal Camanava Chapter**  
*(June 2022 - Current)*

## VOLUNTEER EXPERIENCE

### **Mitsuba Way Outreach** - *Company Organization*

Dec 2017 – January 2018

- Volunteered to provide basic requirements for the sick and marginalized children.

### **AboitizPower Outreach Christmas Party** - *Company Organization*

Dec 2019

- Volunteered to provide assistance to the children during games and giving of donations during party

## ACHIEVEMENTS

**Licensed Mechanical Engineer** – *Professional Regulations Commission Manila*  
October 2016

**S-rating Performance Appraisal** – *Achieved an S rating in Mitsuba Philippines Technical Center 2017-2018*

**Top 20% Performance Appraisal** – *Achieved top 20% in Therma Mobile Inc. , mid 30% in AboitizPower - OilBU 2020-2021*

## LANGUAGE COMPETENCIES

- Tagalog: native language
- English: fluent (speaking, reading, writing)

## SEMINARS AND TRAININGS

- Construction Occupational Safety and Health Training (*Aug 5-9 2019*)
- Electric Motor Training (In-house training) (*Jan 2019*)
- Value Engineering (In-house training) (*August 2018*)
- 2D dimensioning, GD&T and CATIA V5 training (In-house training) (*May 2017*)
- 4<sup>th</sup> PSME National Student Conference (*October 2014*)
- 68th PSME National conference (*December 2020*)
- COSH Training (*June 2019*)
- BOSH Training (*July 2020*)
- Modified Fire Prevention & Fire Fighting Training (*December 2019*)
- Basic HVAC design workshop 1 & 2 (*April 2021*)
- Design Thinking (*June 2020*)
- Chemical Safety Training (*November 2019*)
- PSIM National Convention (*October 2022*)
- Six Sigma: Greenbelt (Linkedin) (*April 2022*)
- Lean Six Sigma Foundations (Linkedin) (*May 2022*)